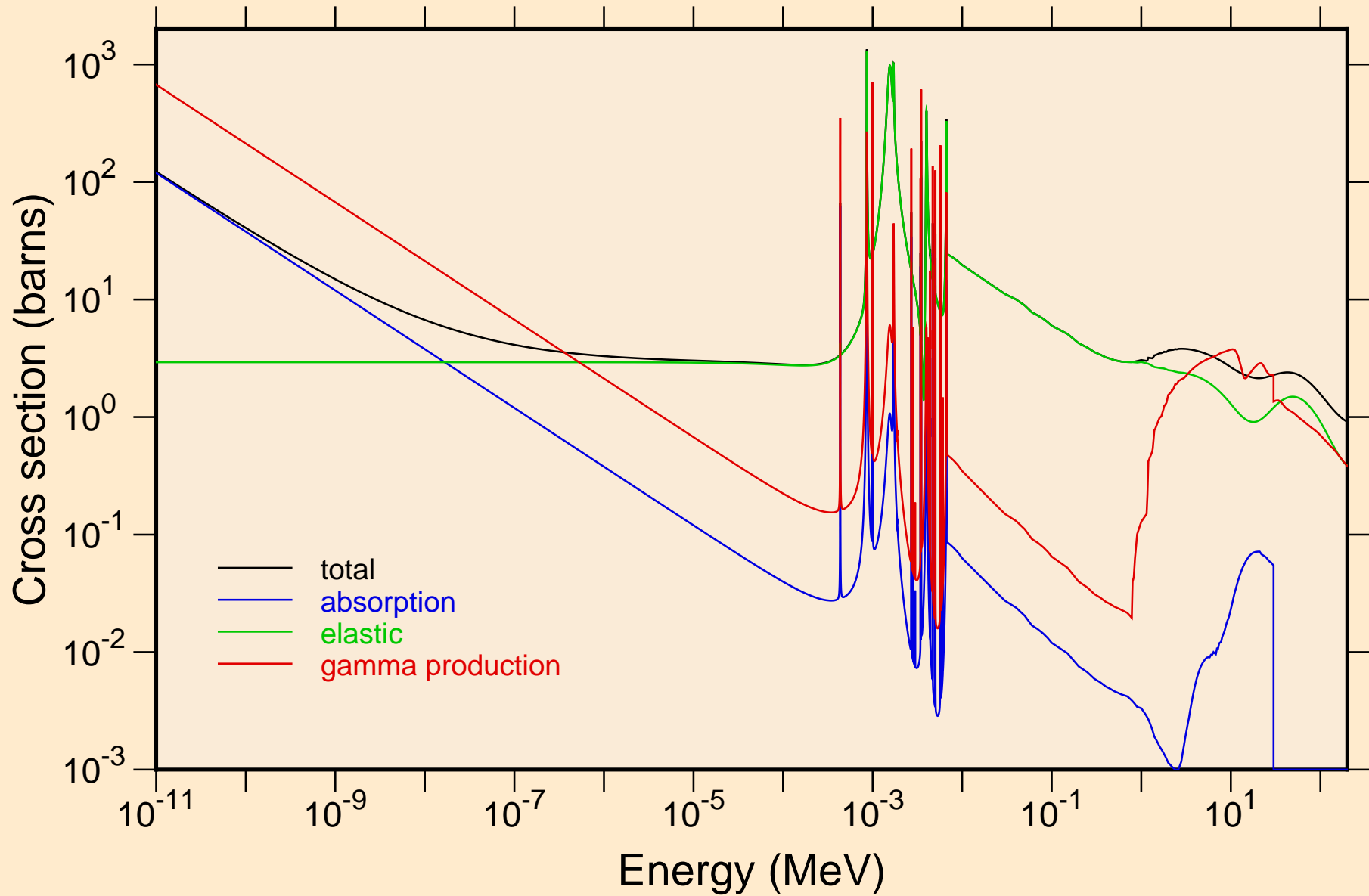
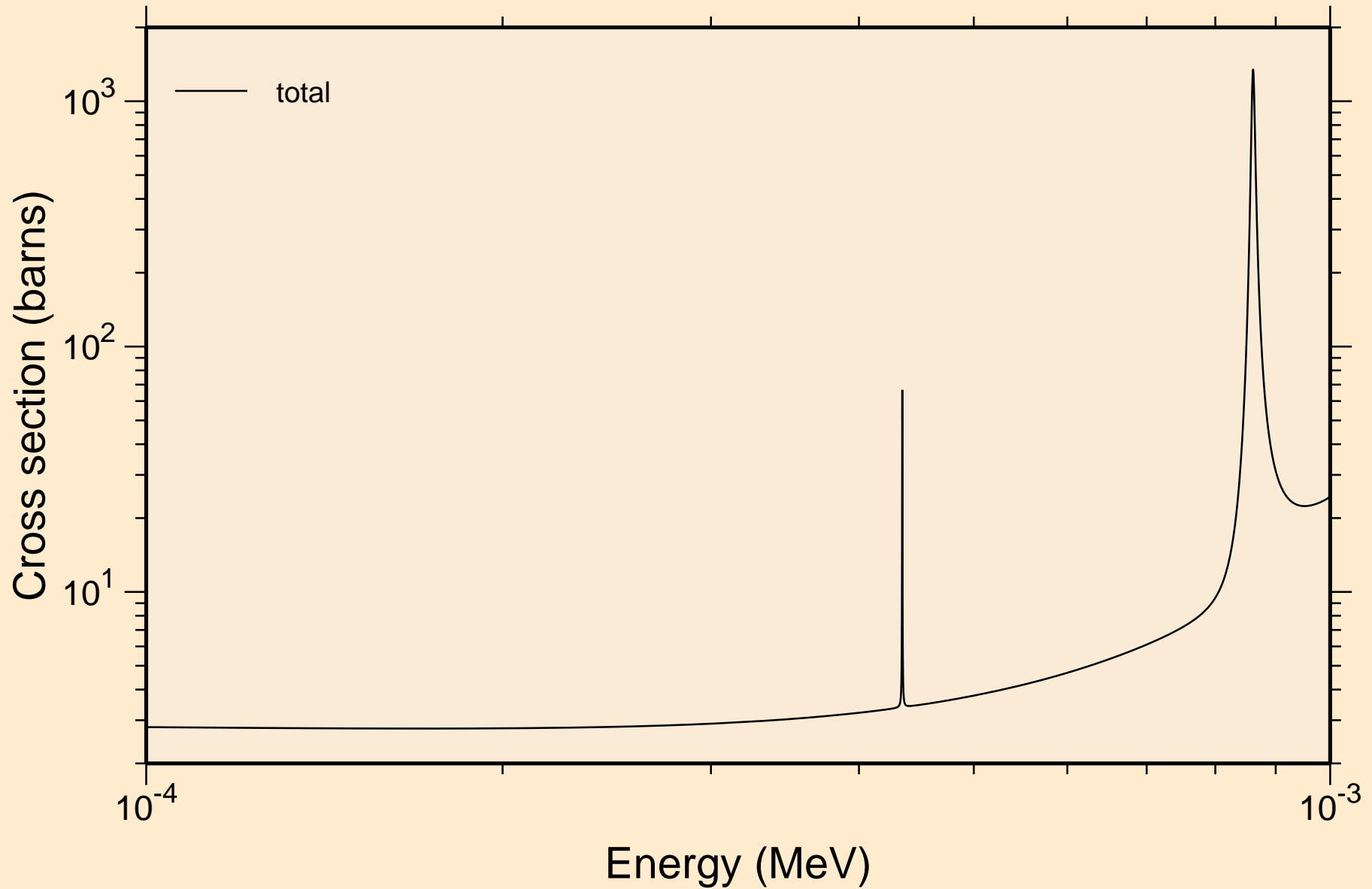


# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

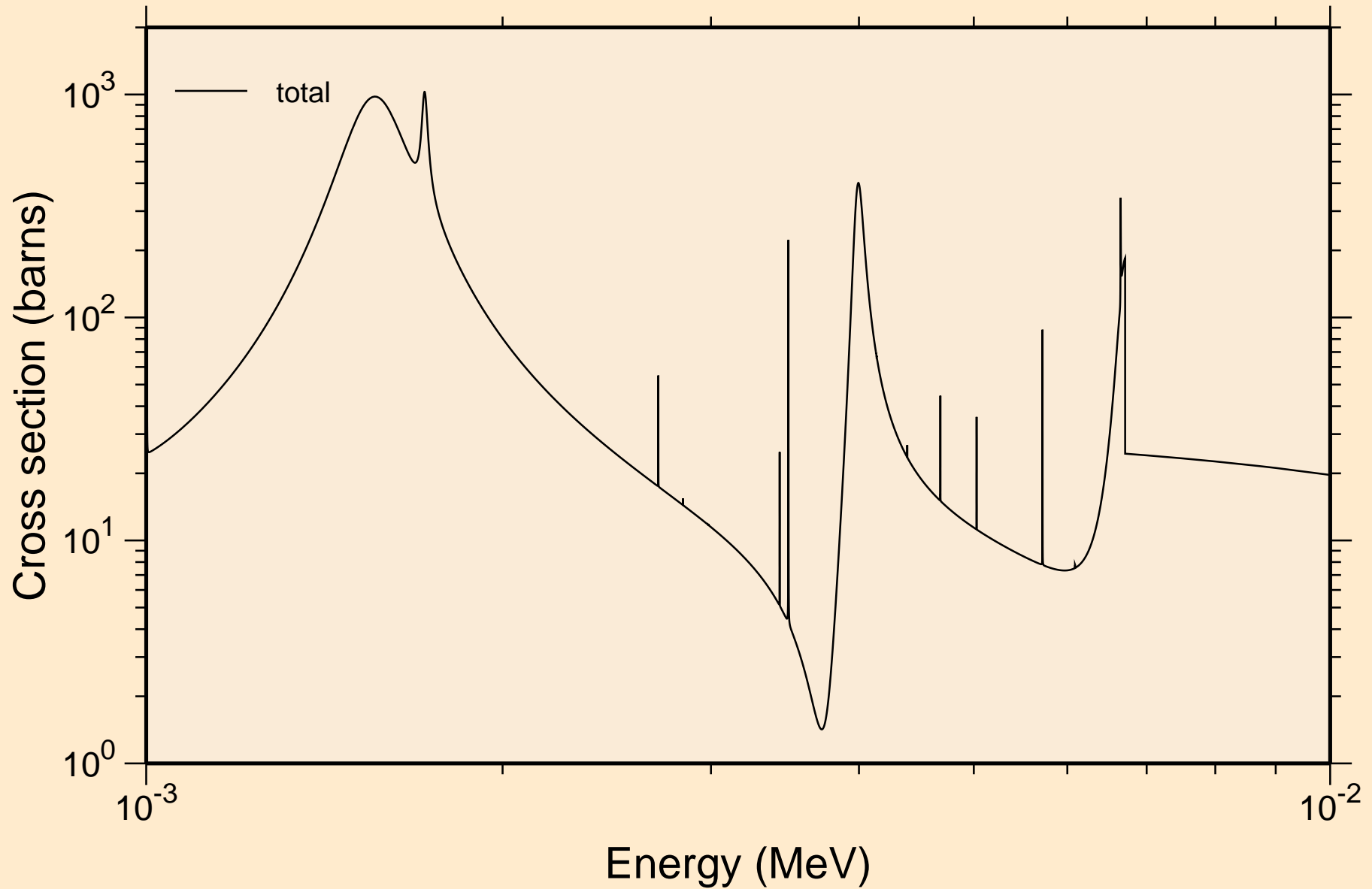
## Principal cross sections



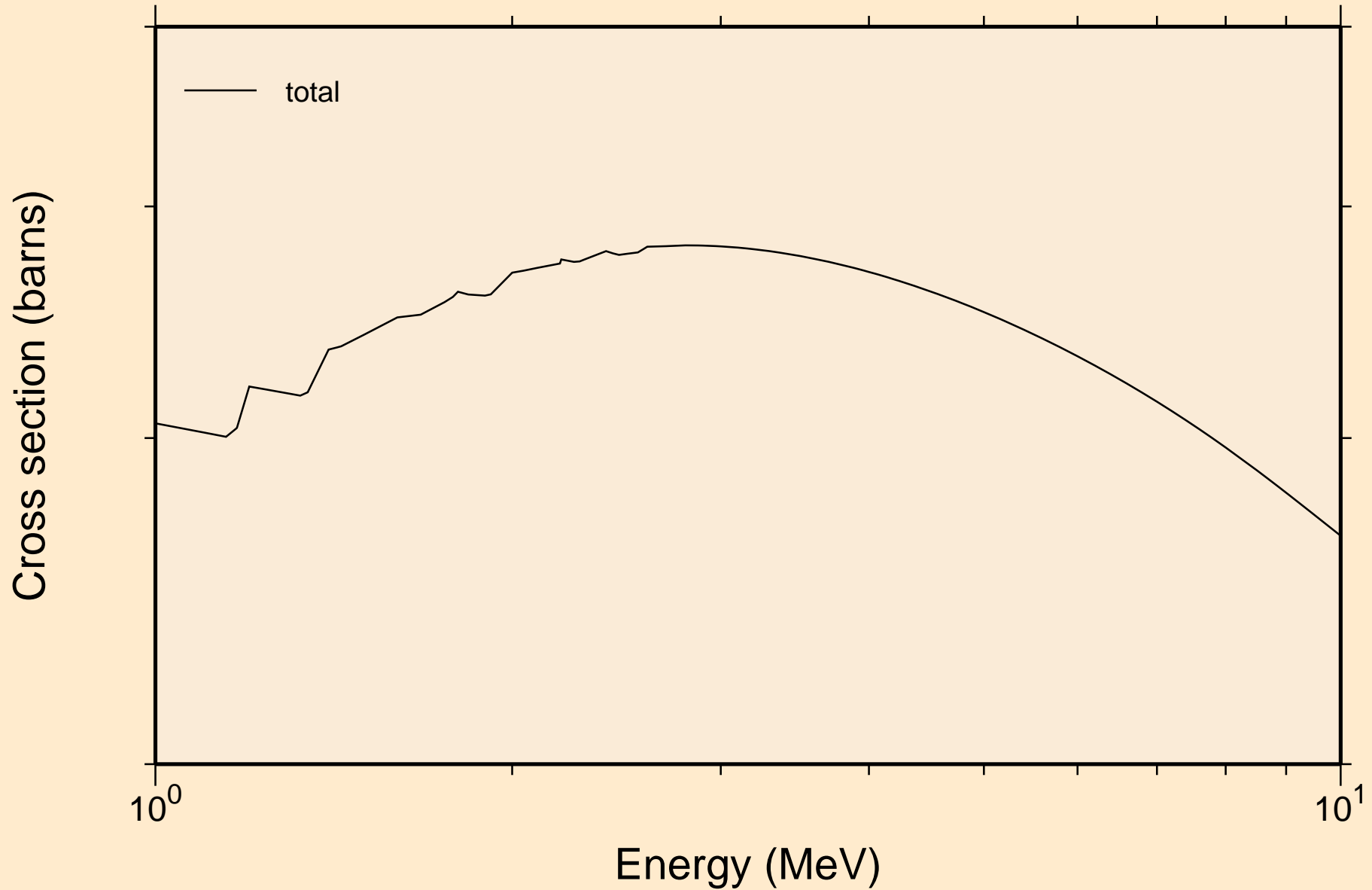
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



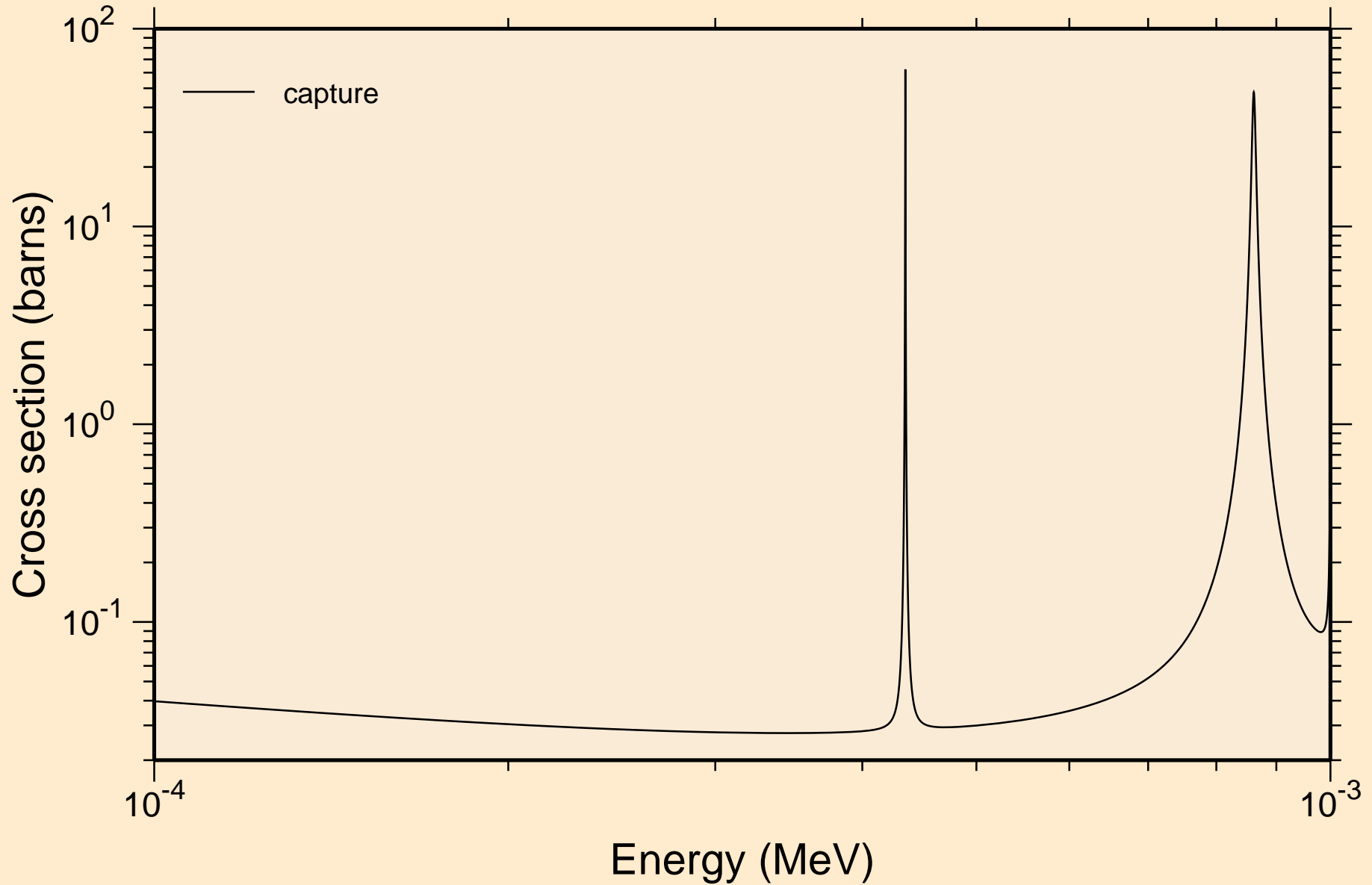
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



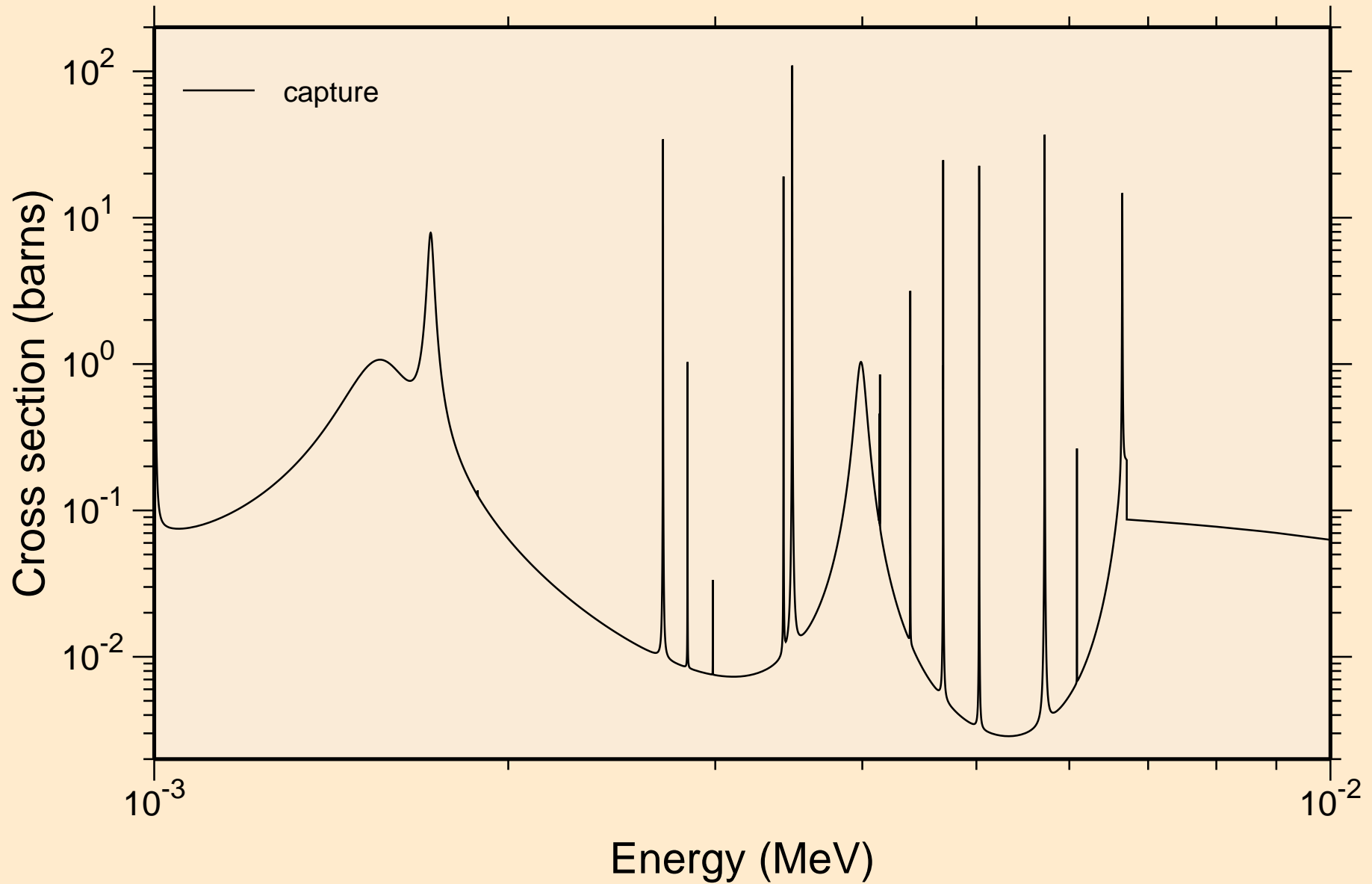
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



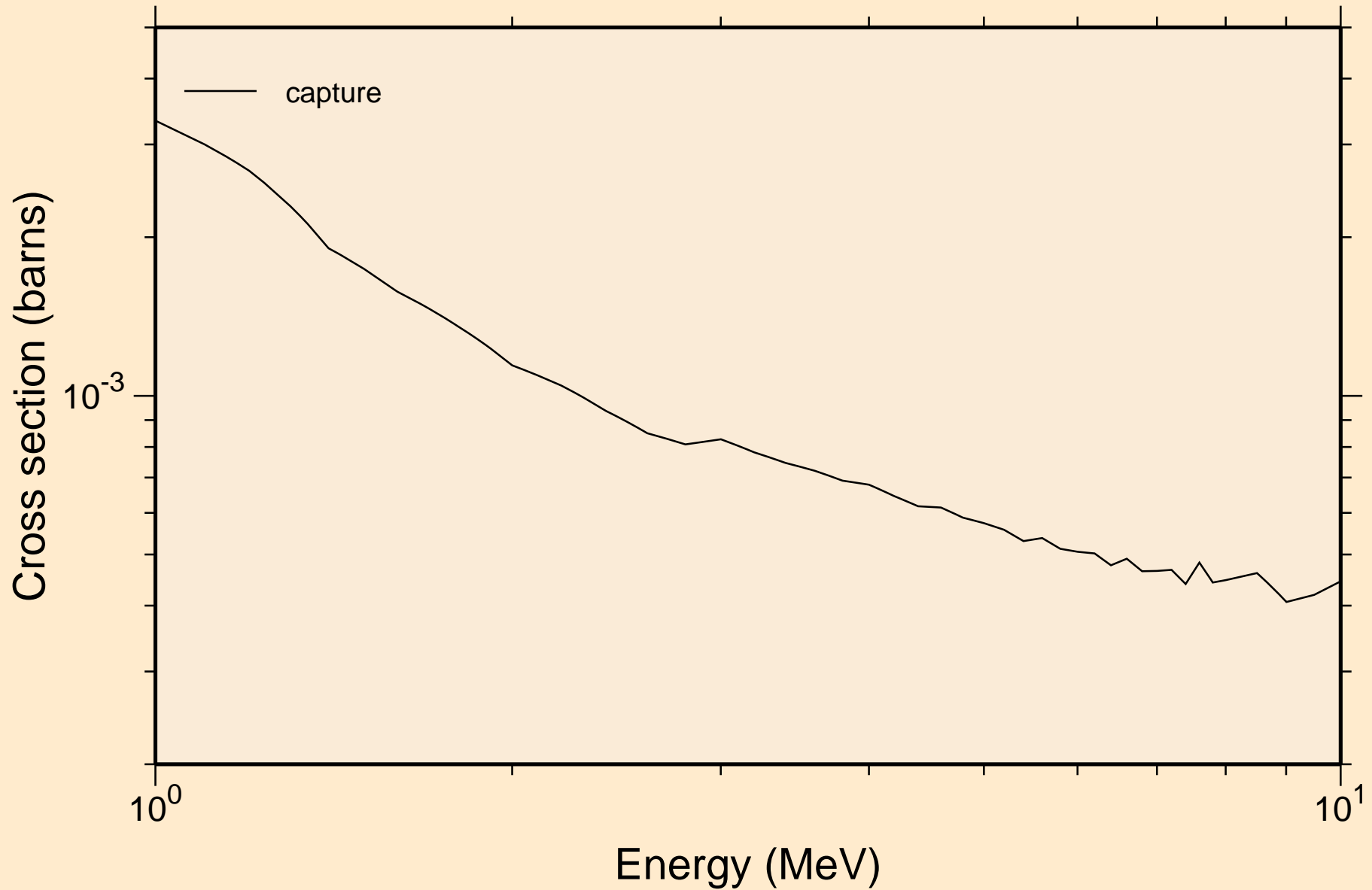
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

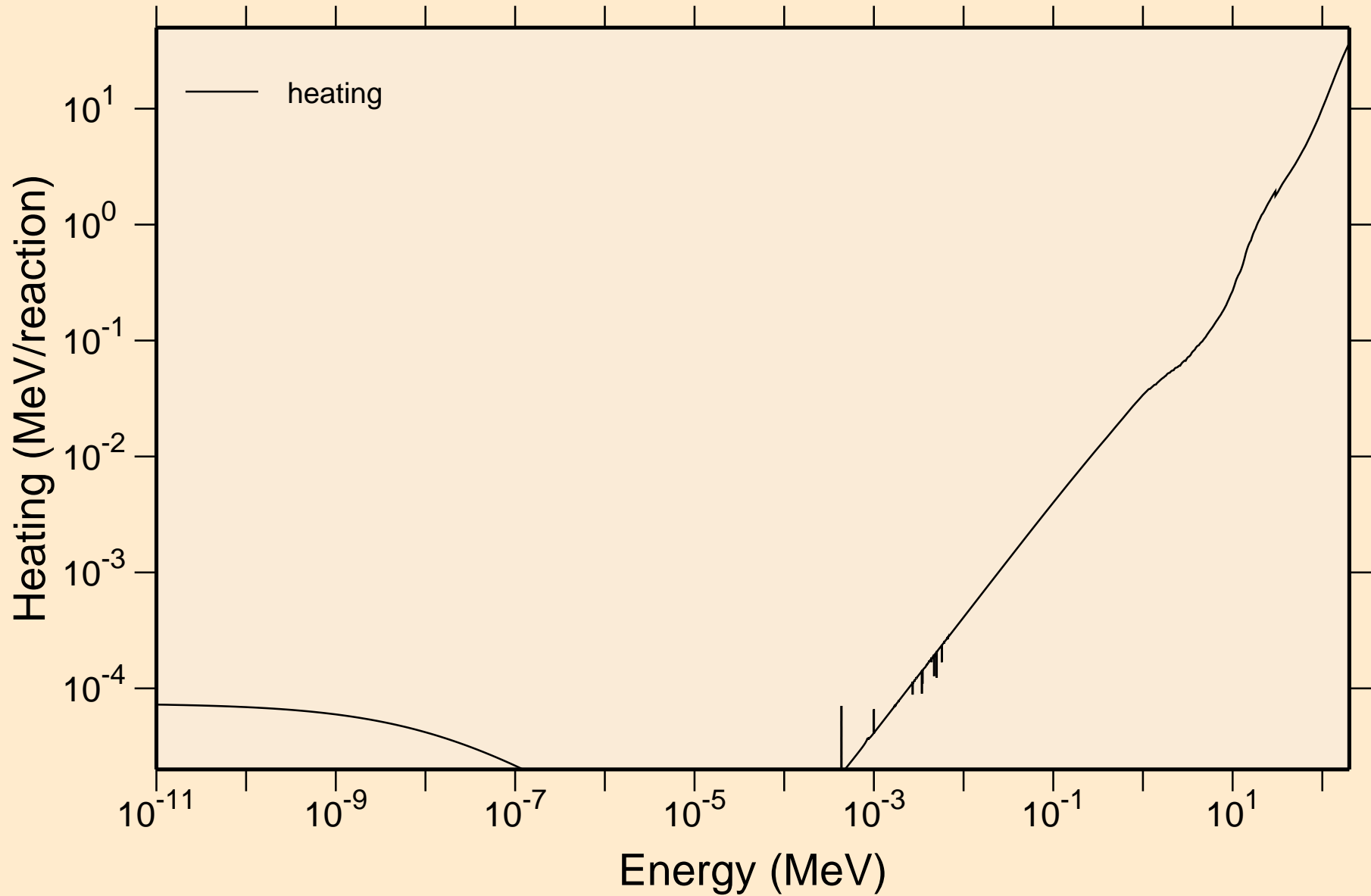


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

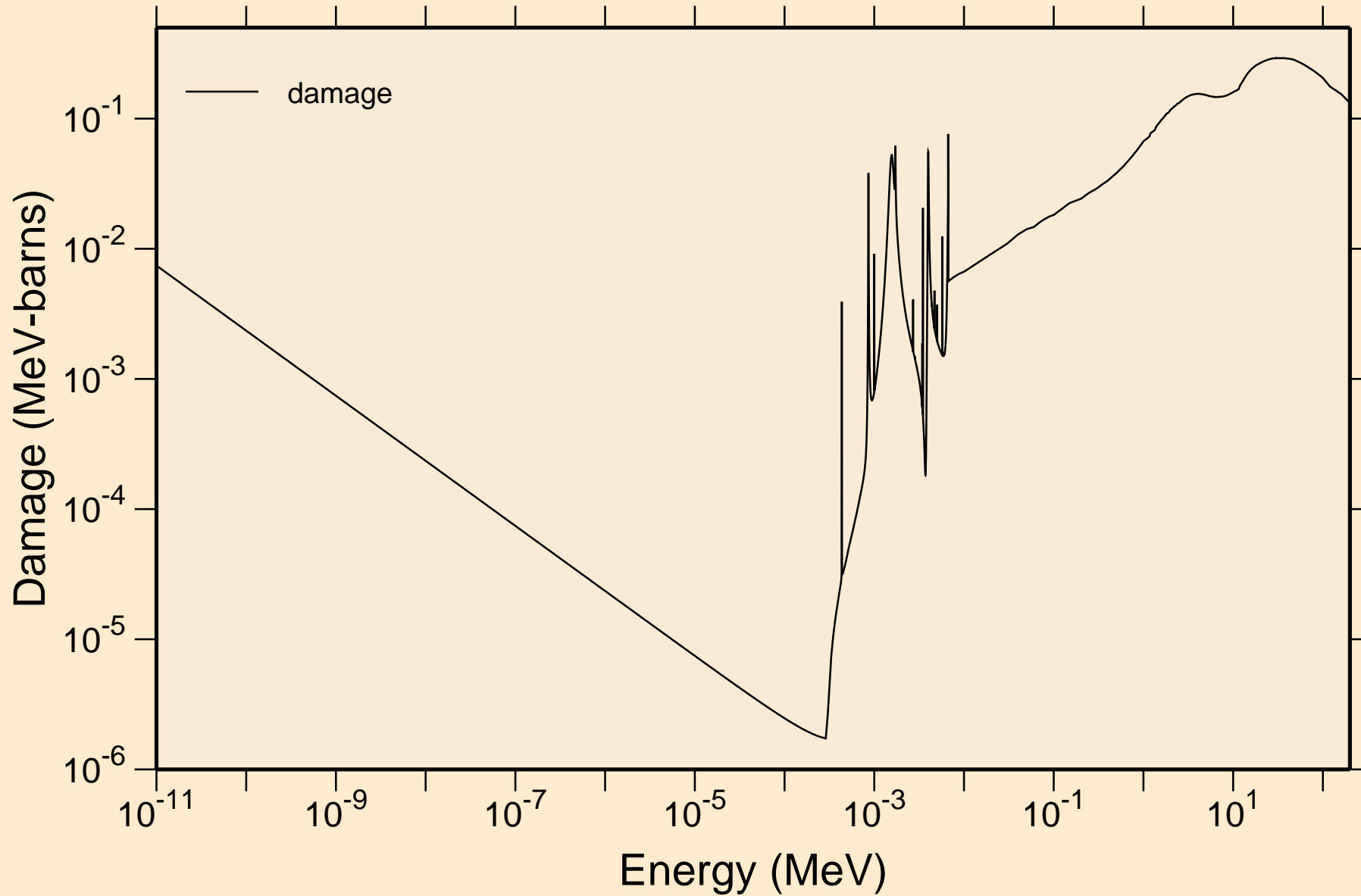
## Heating



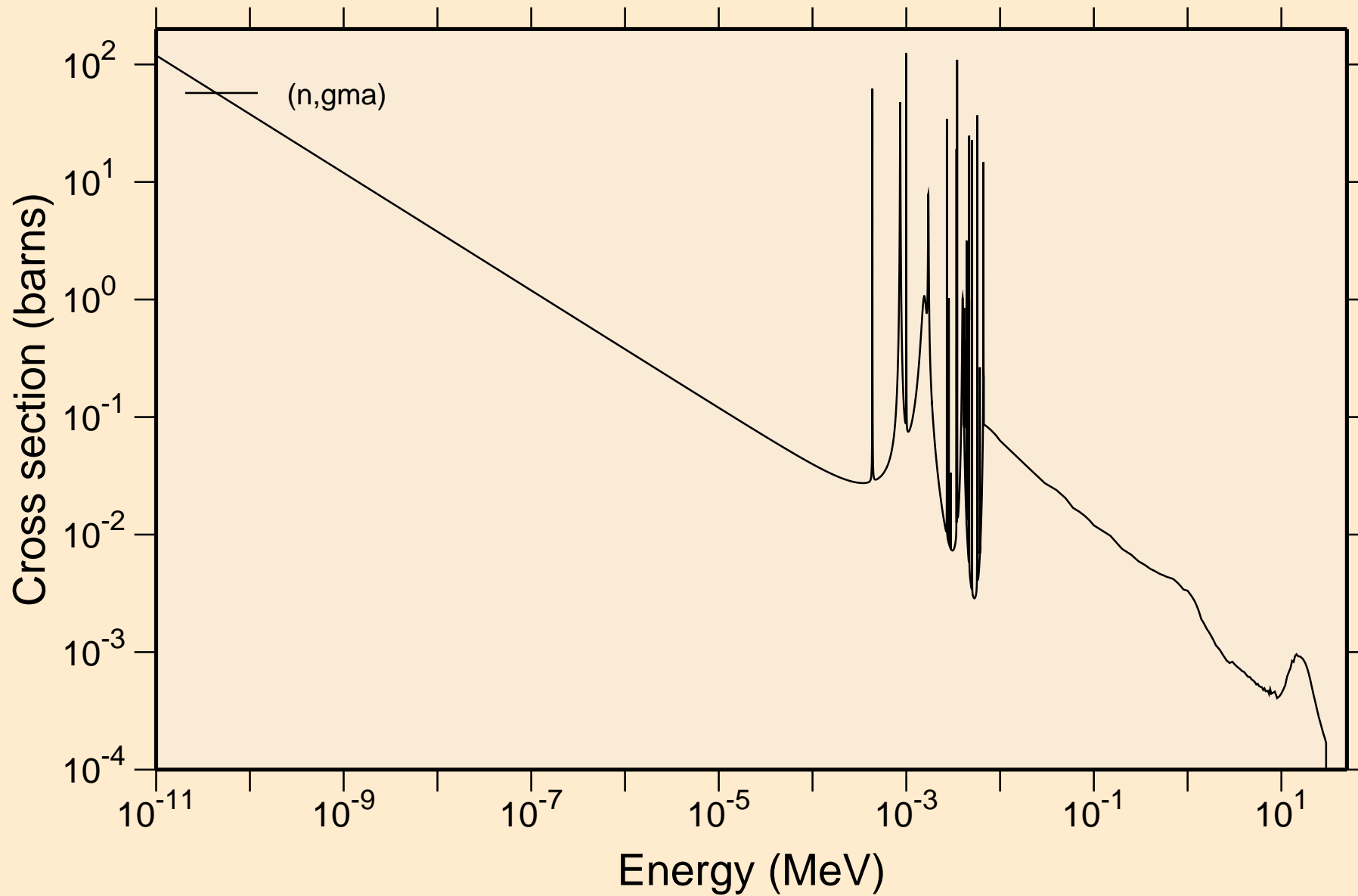


# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

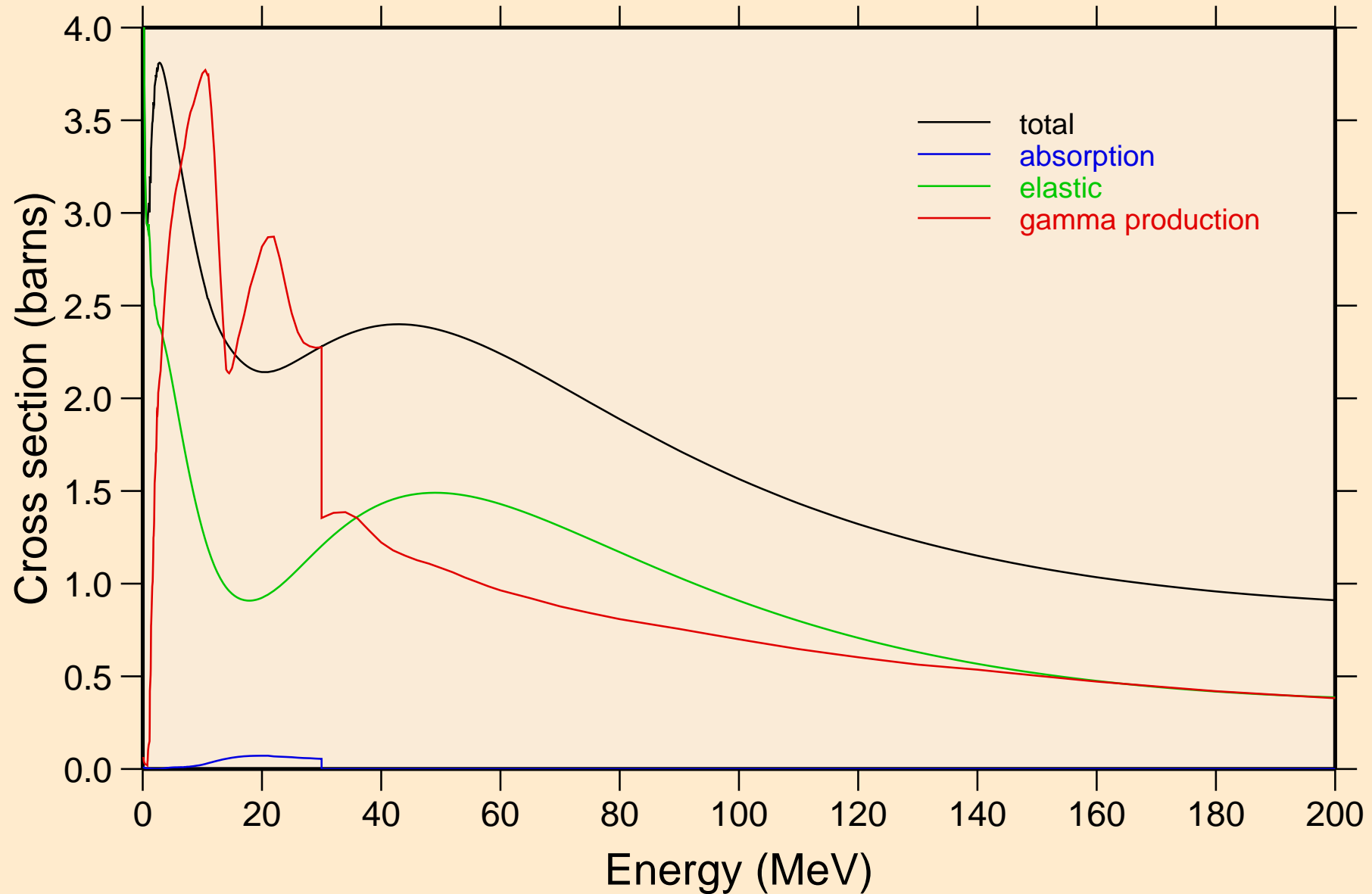


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



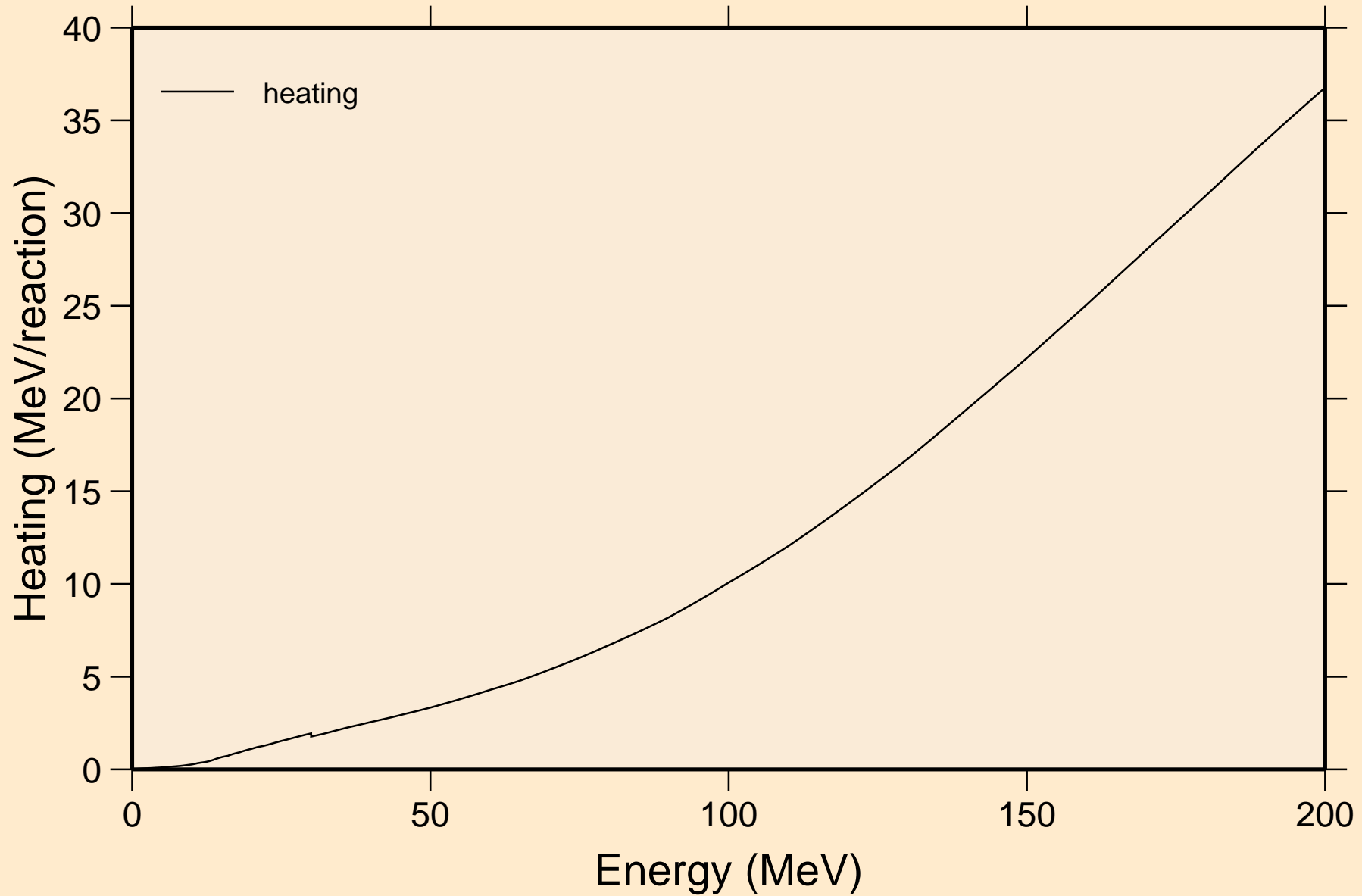
# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



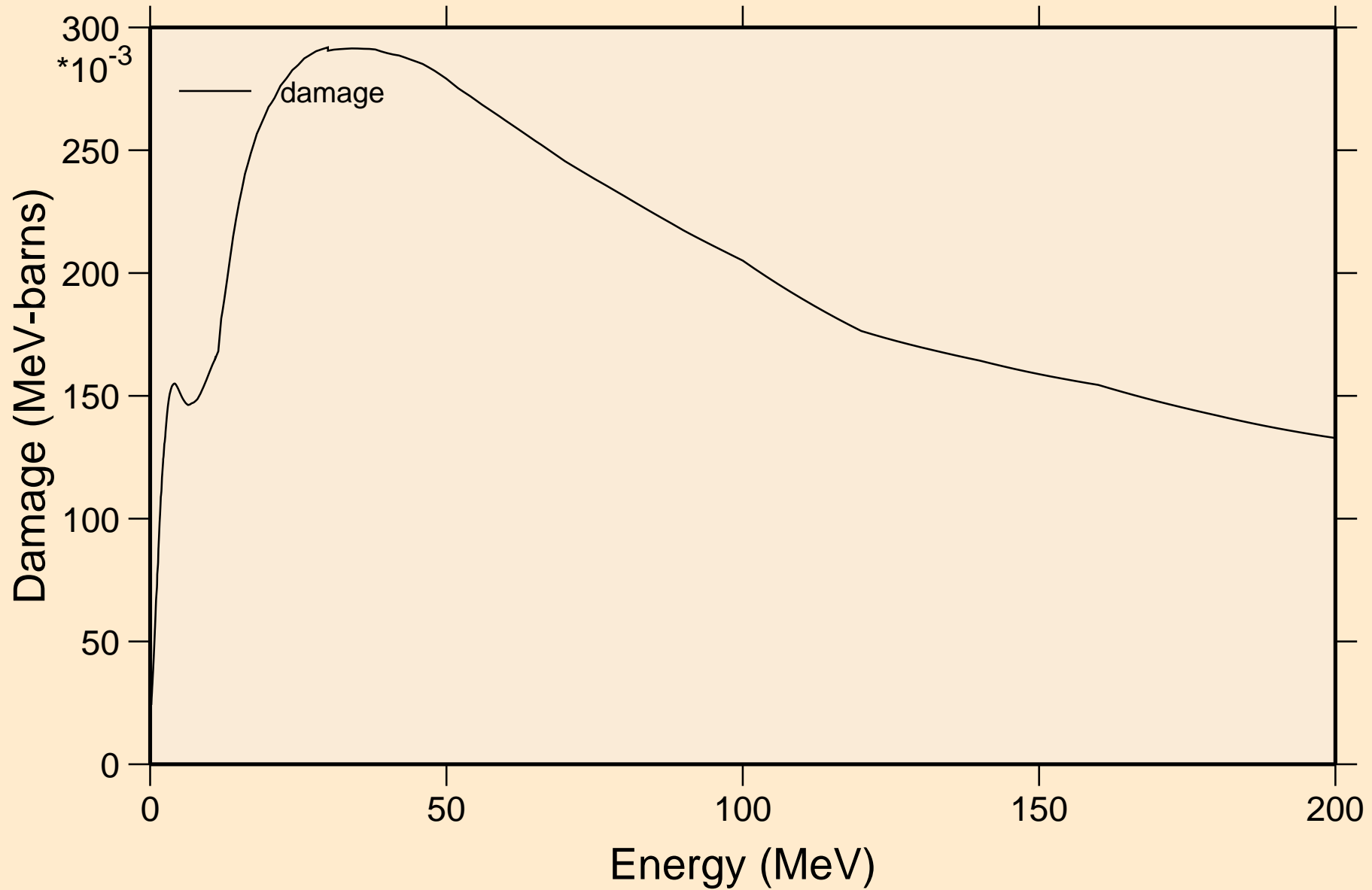
# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

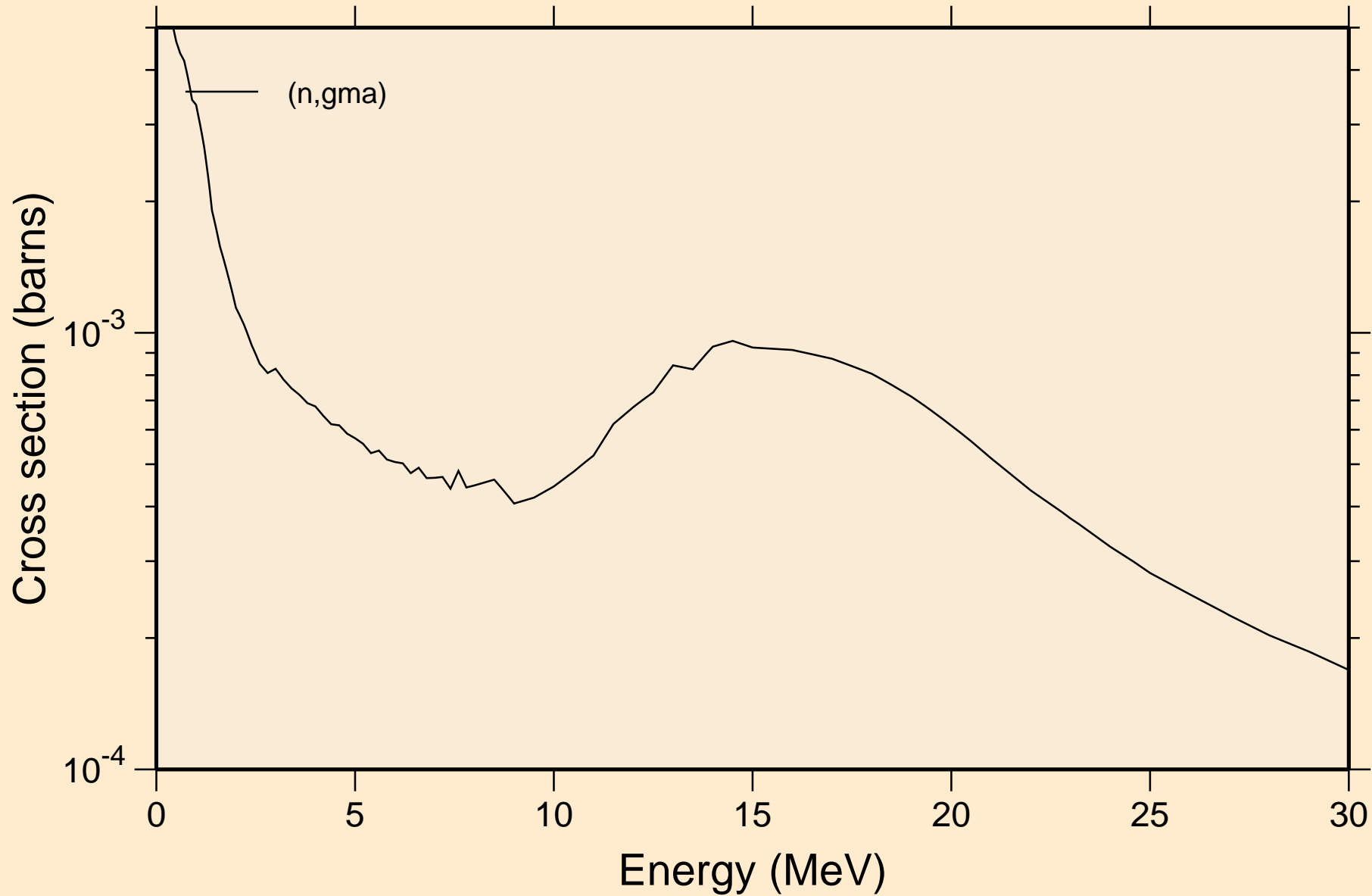


# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

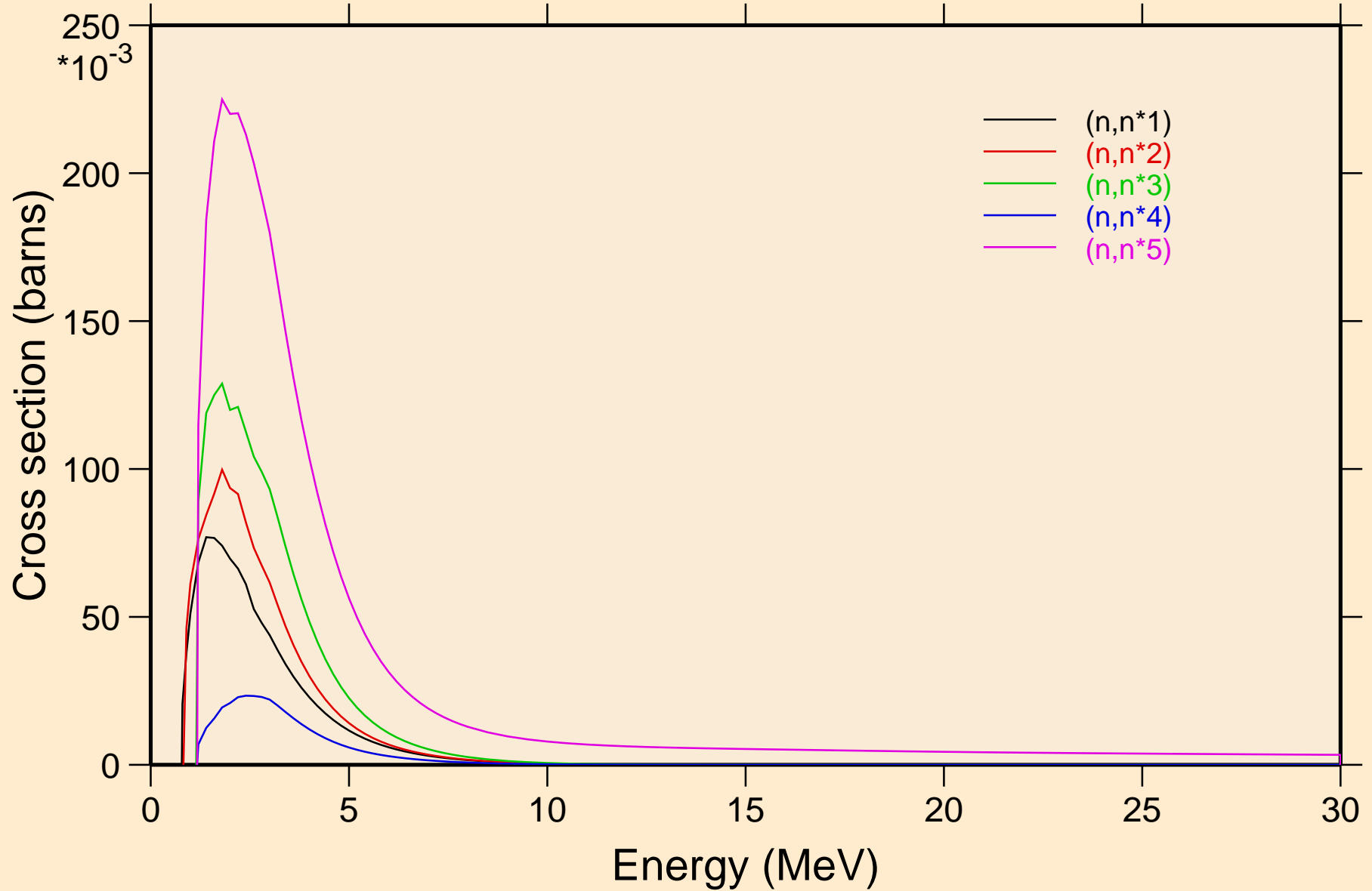


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

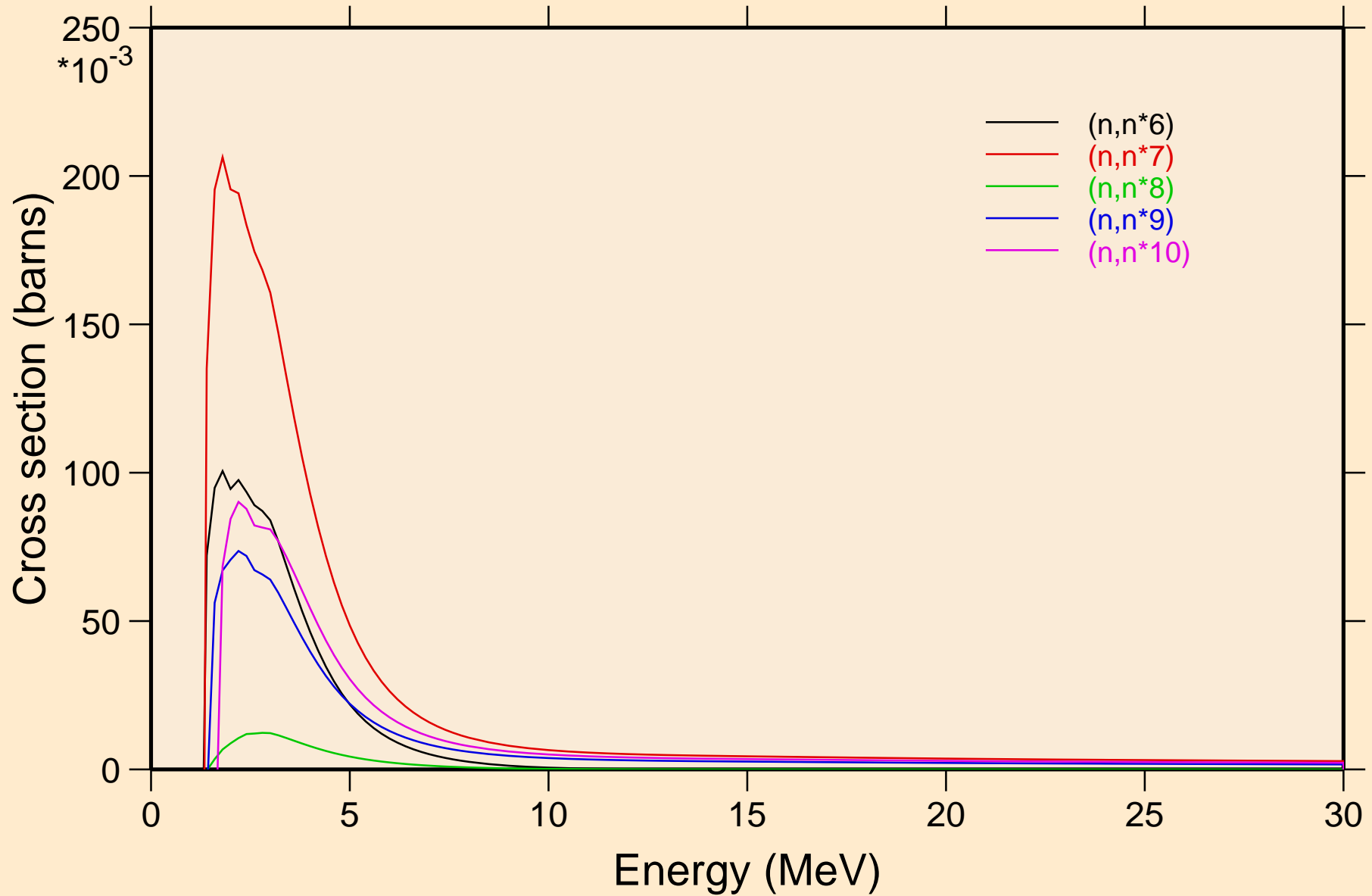


# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

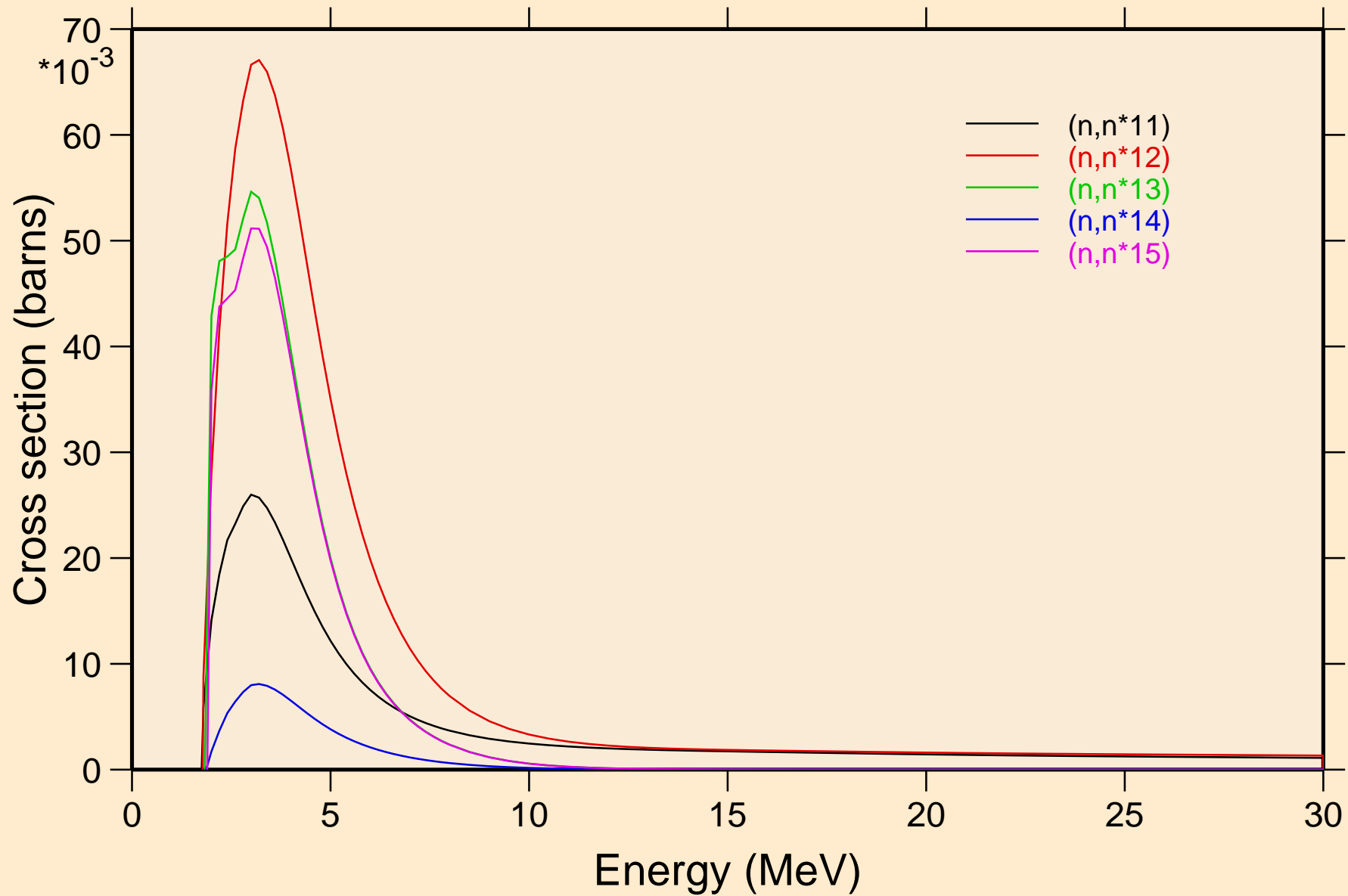


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



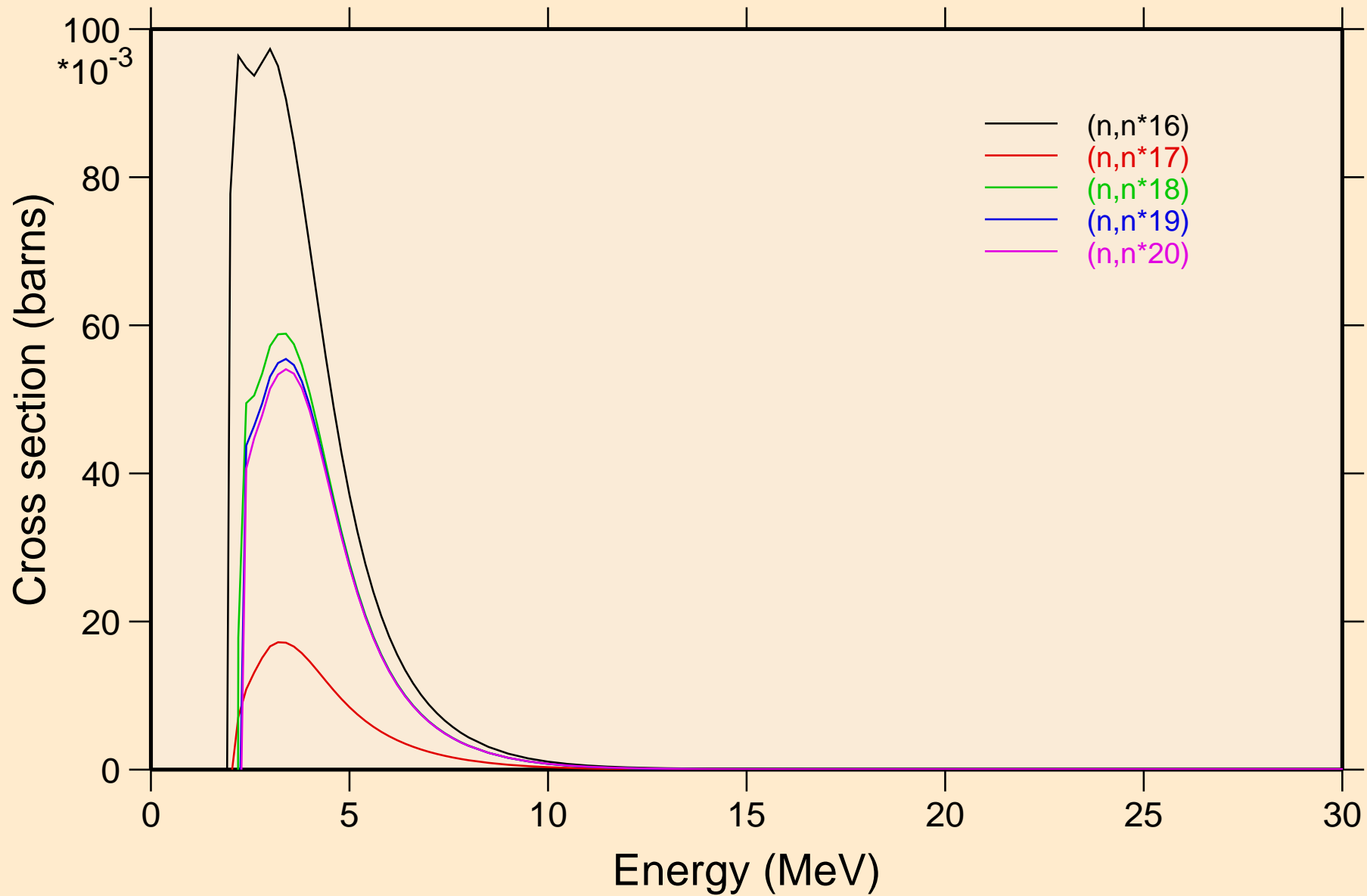


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

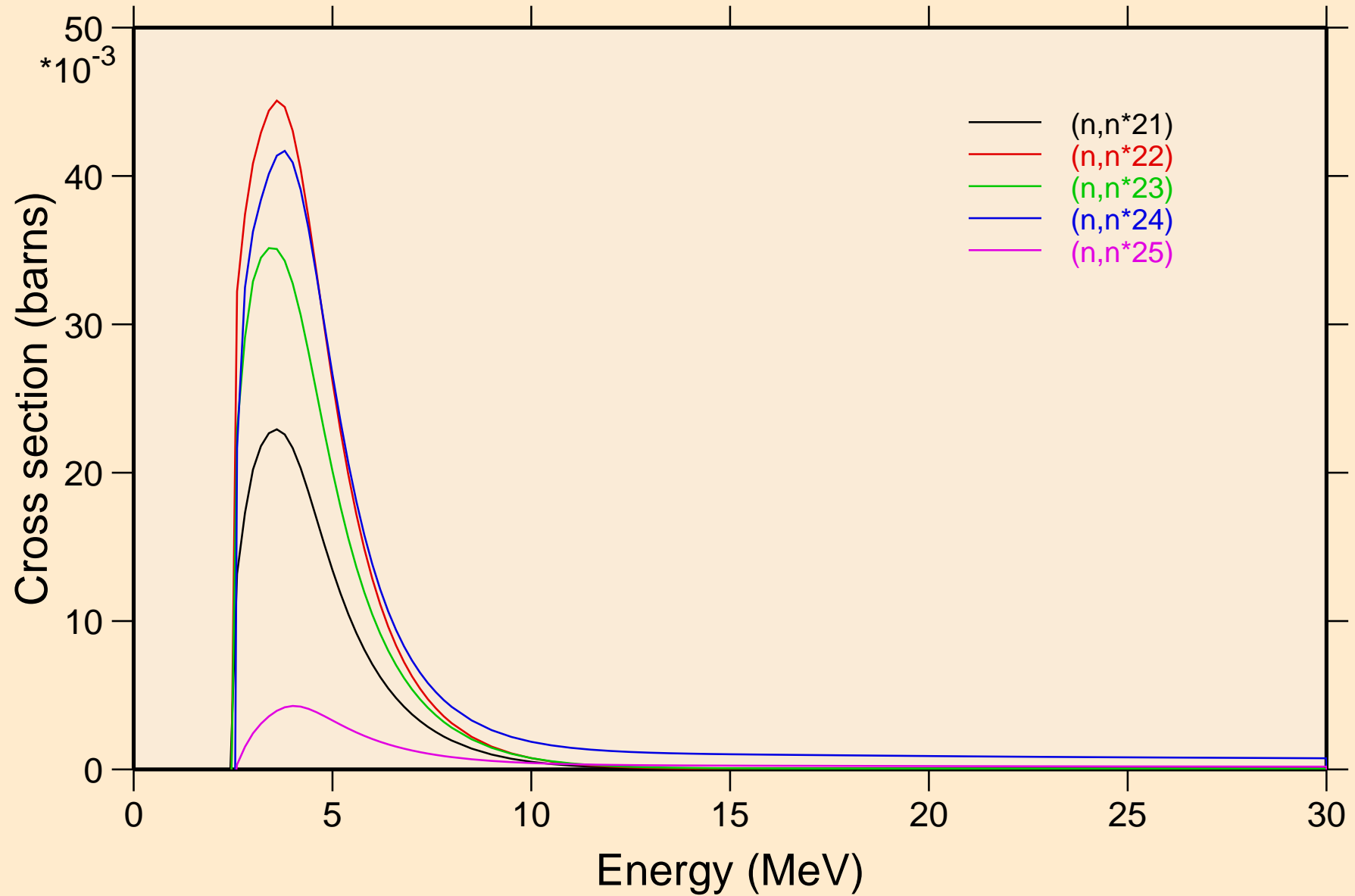


# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

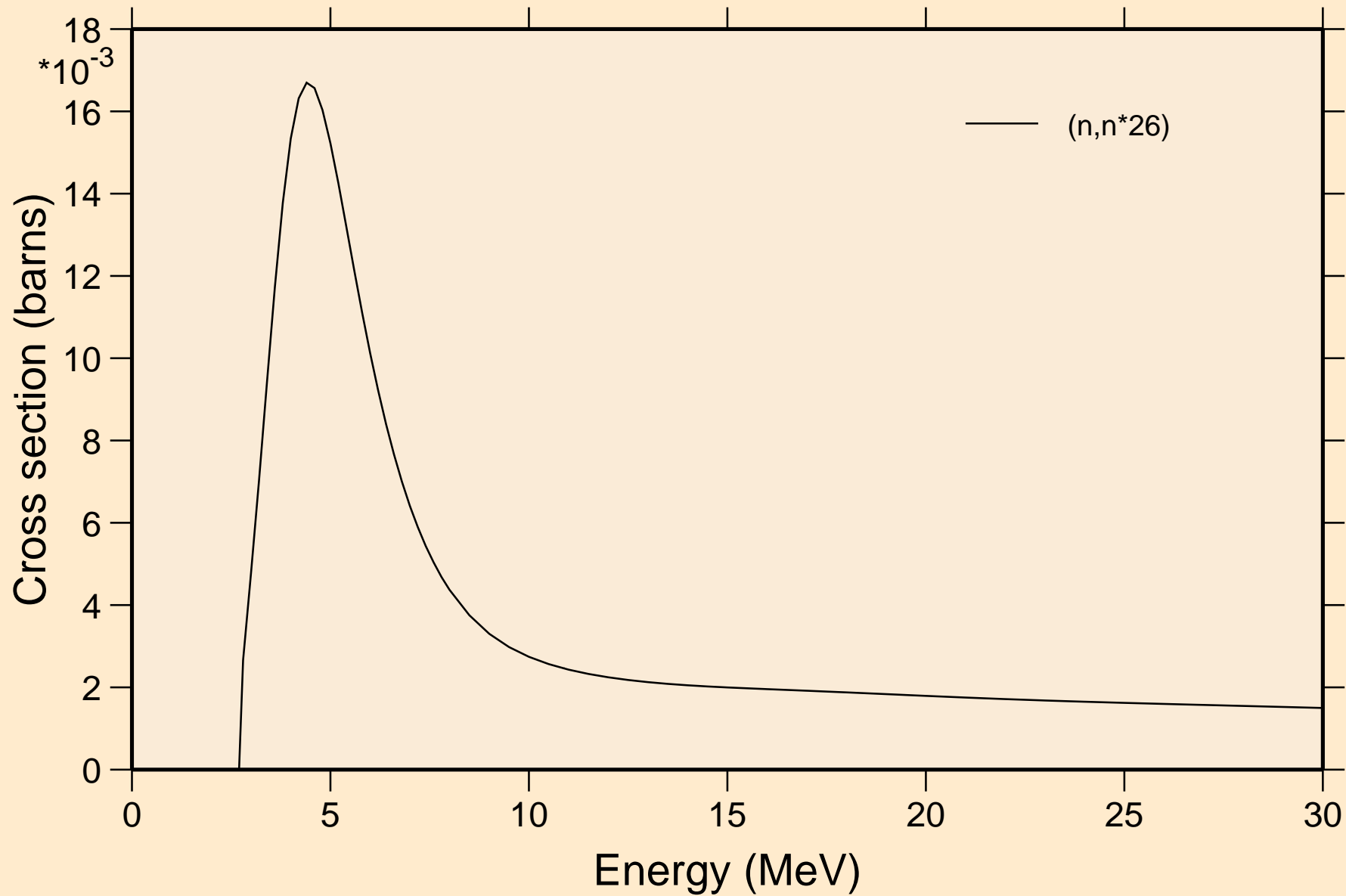
## Inelastic levels



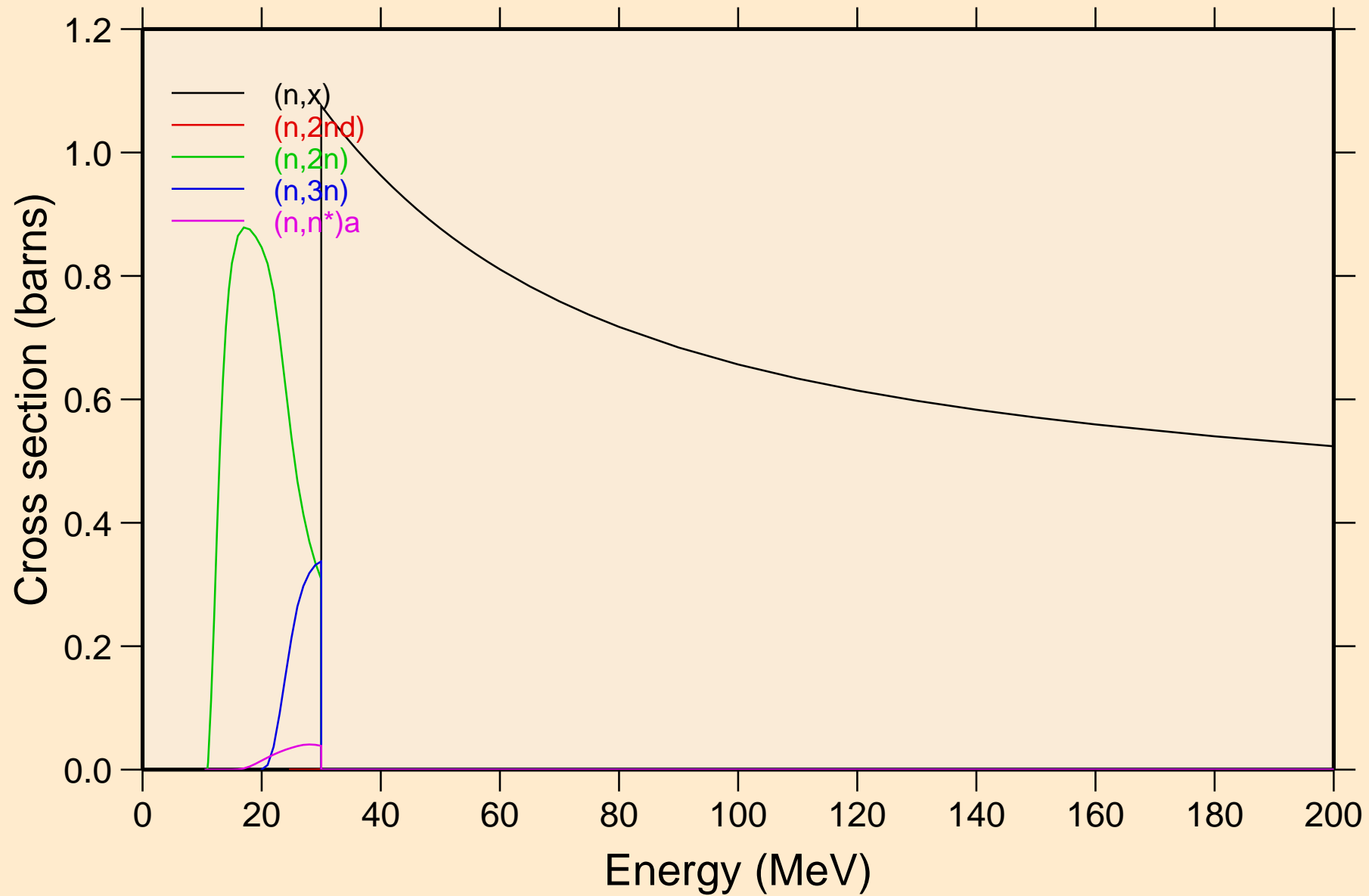
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

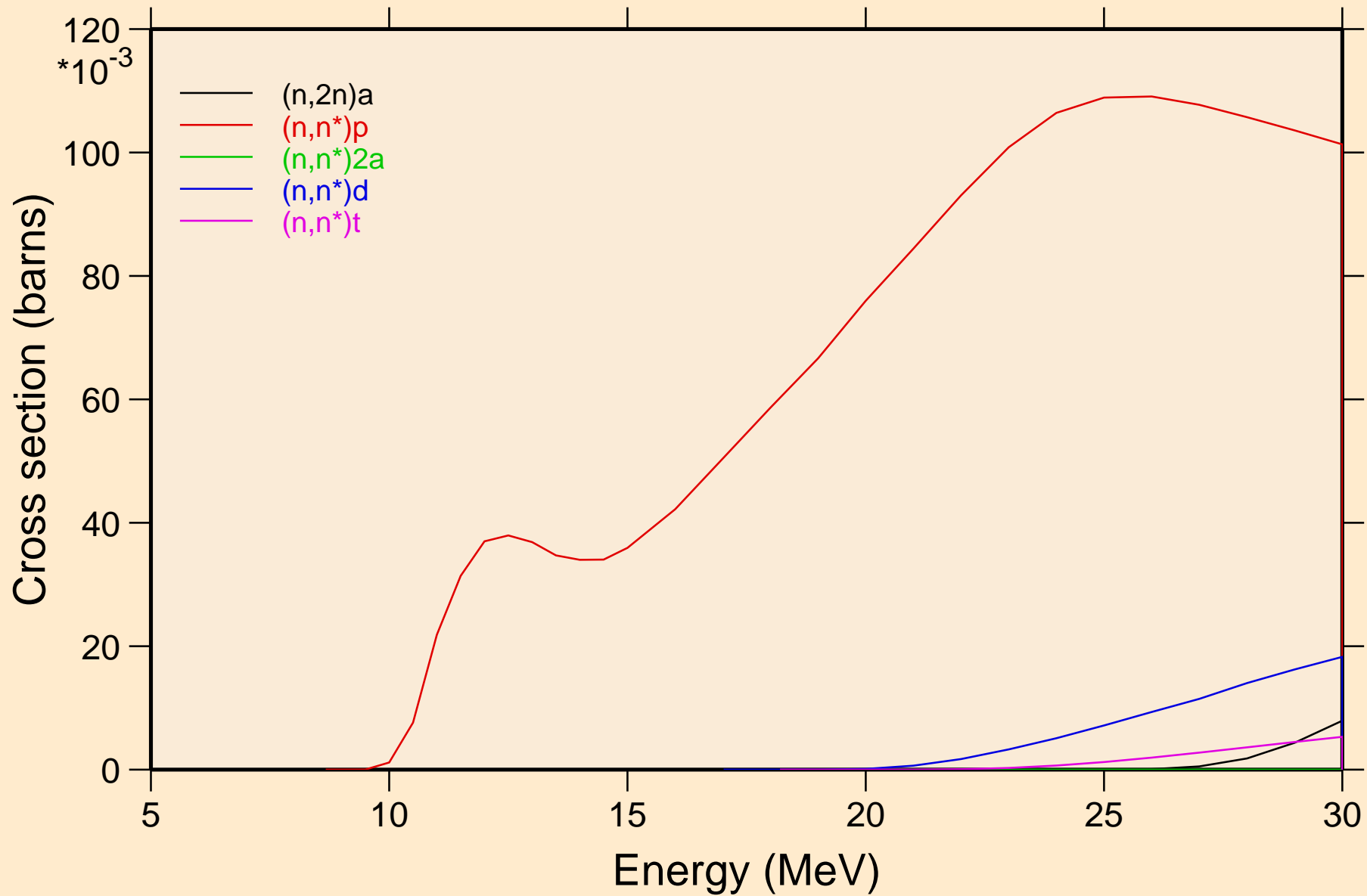


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



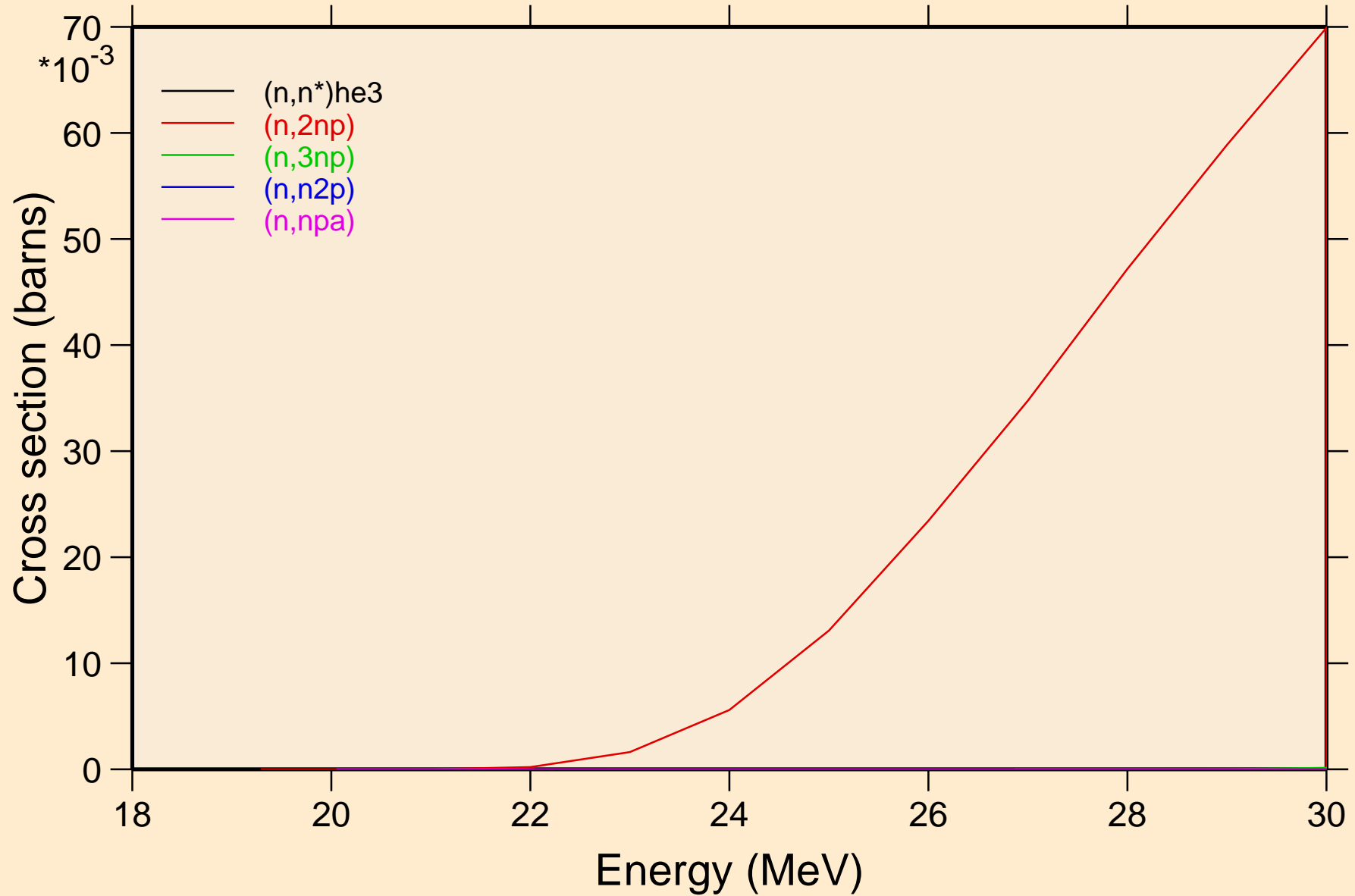
# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

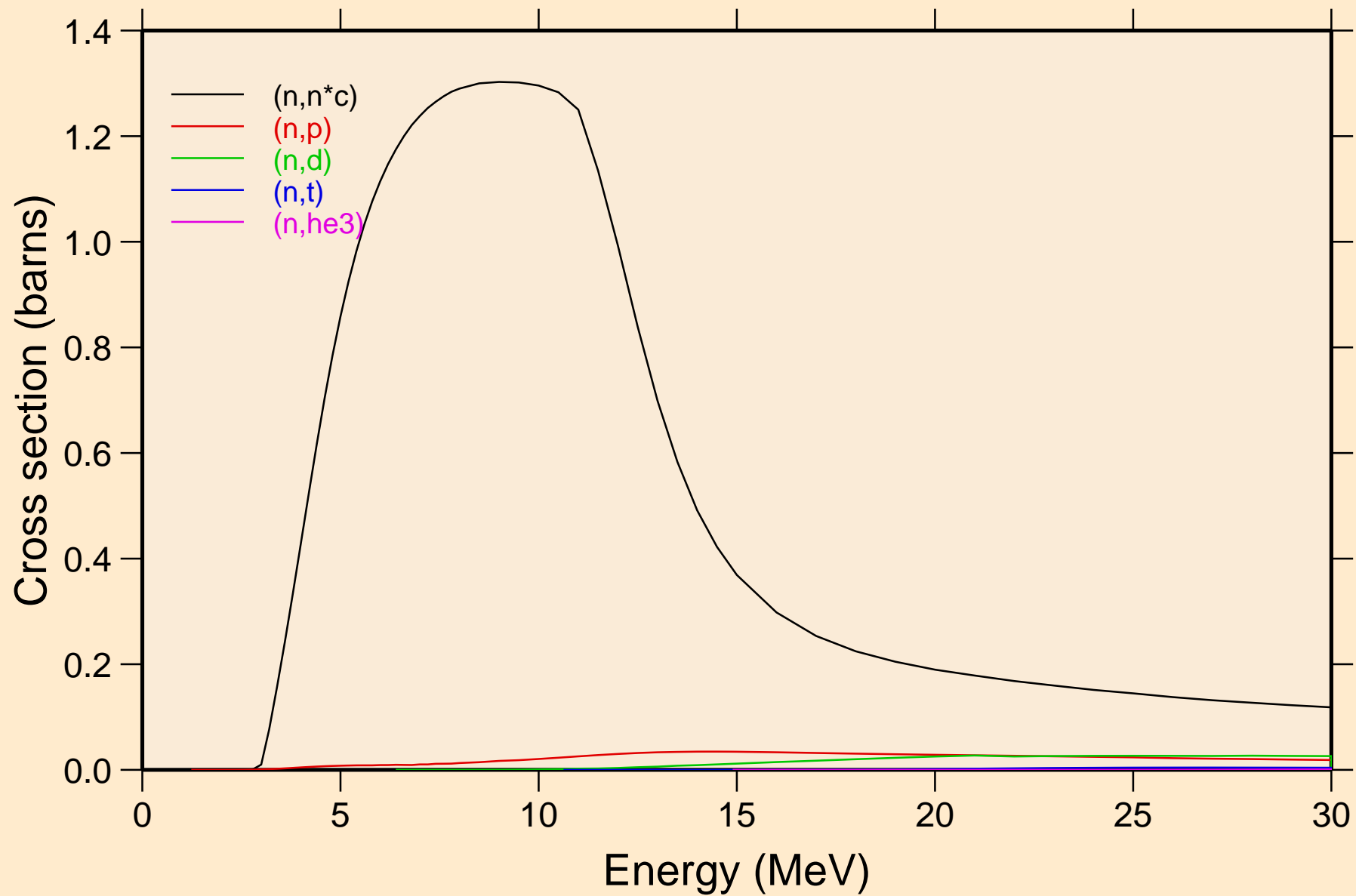


# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



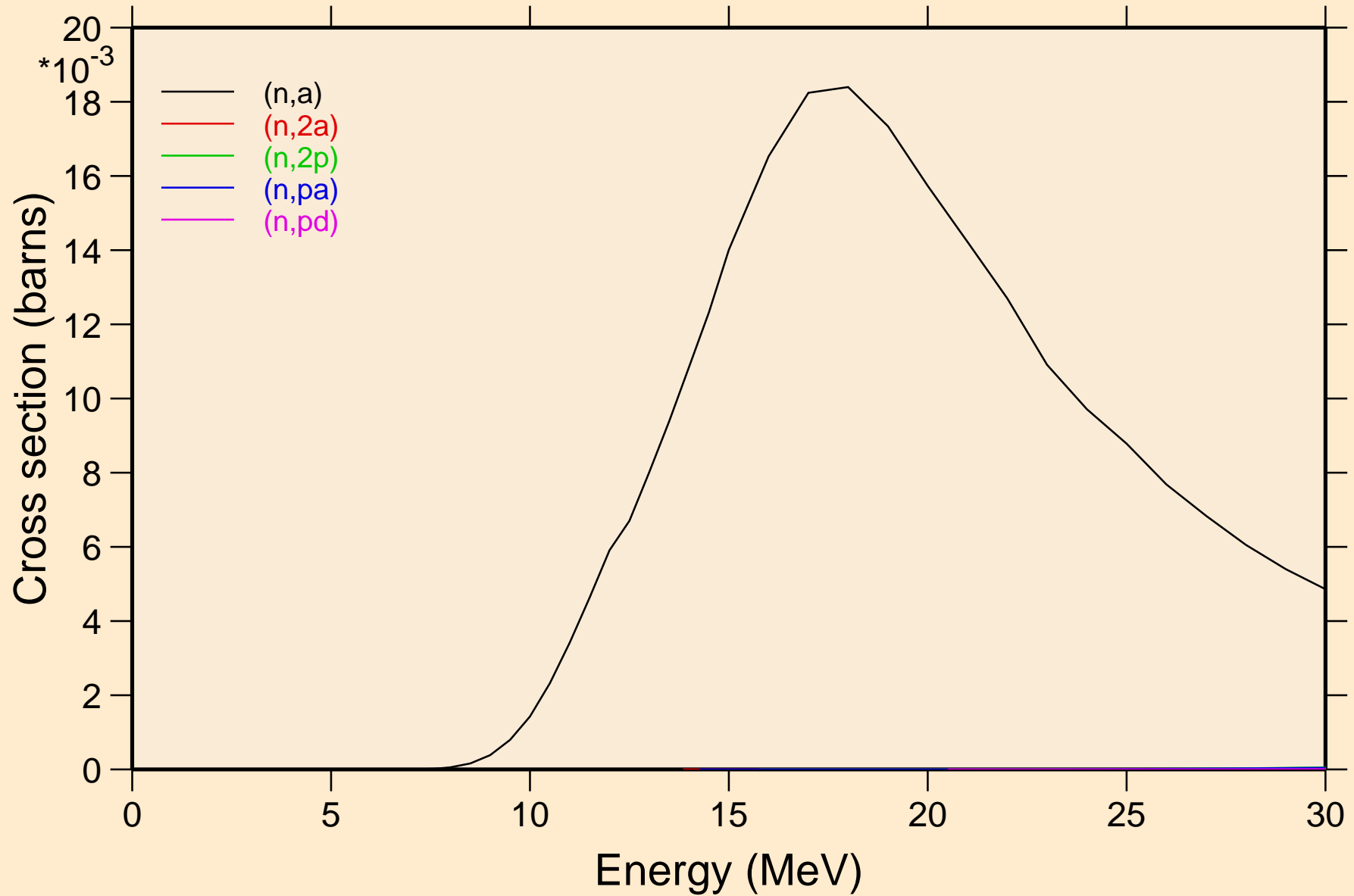
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



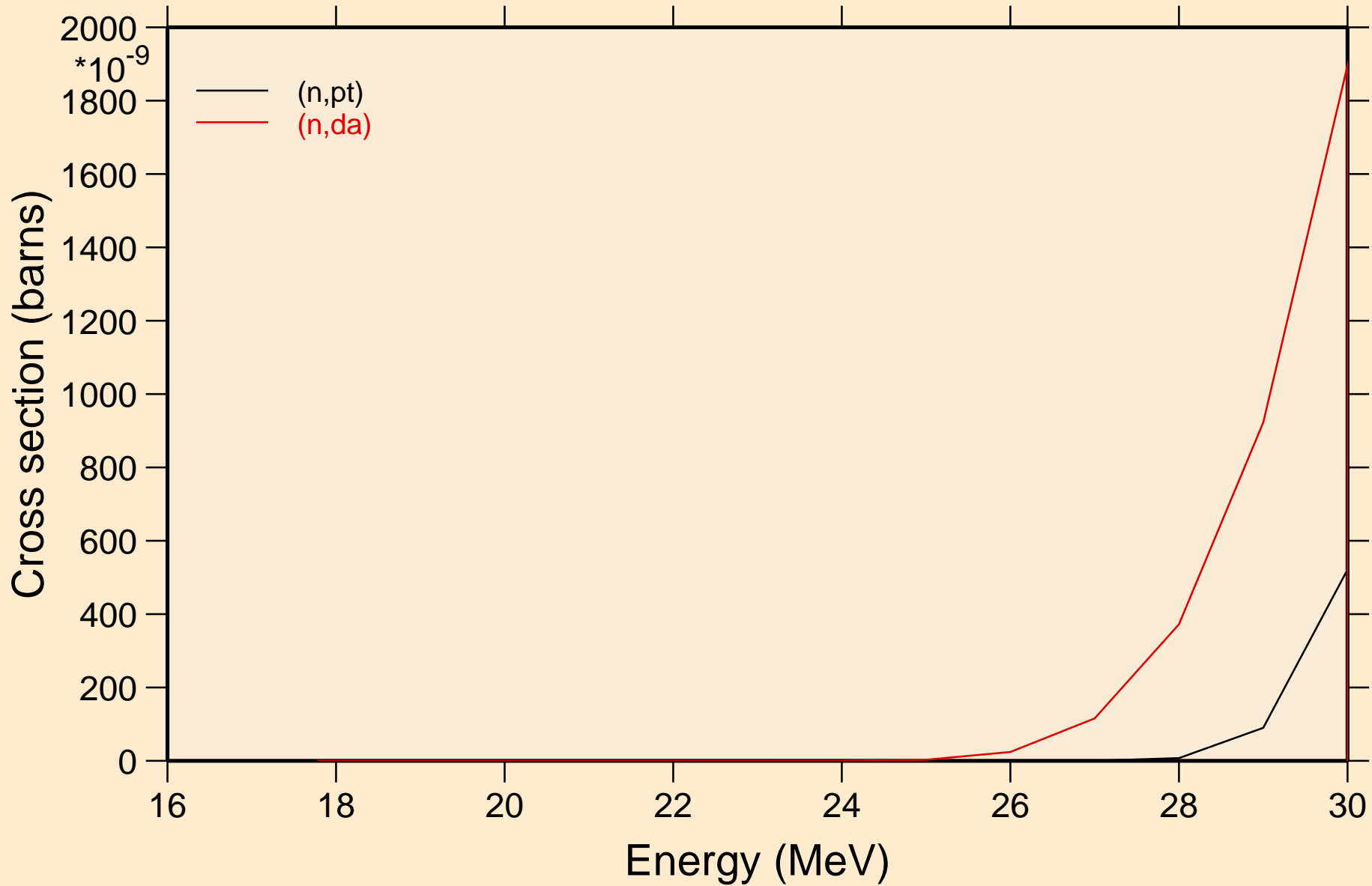


# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

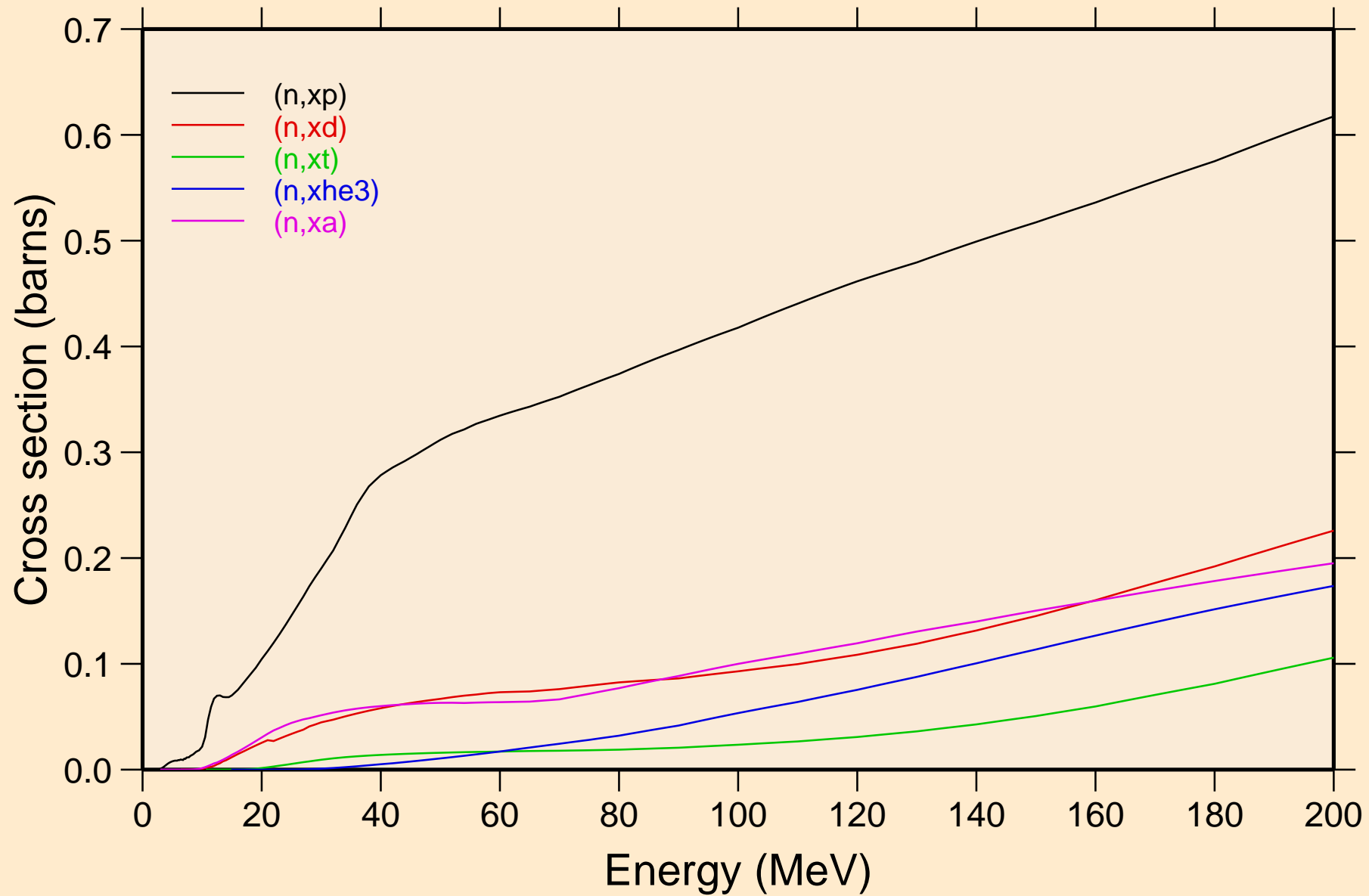


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

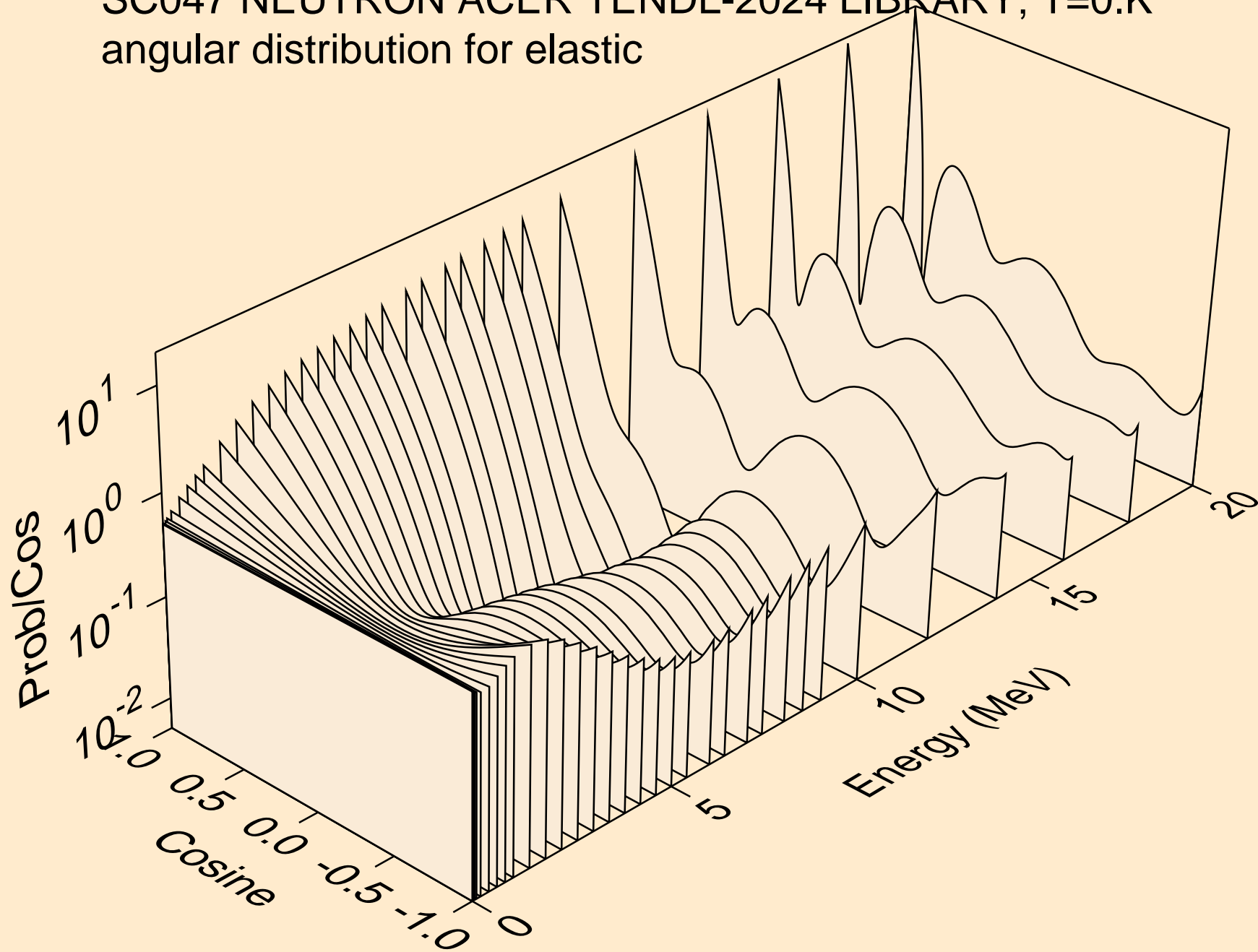


# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

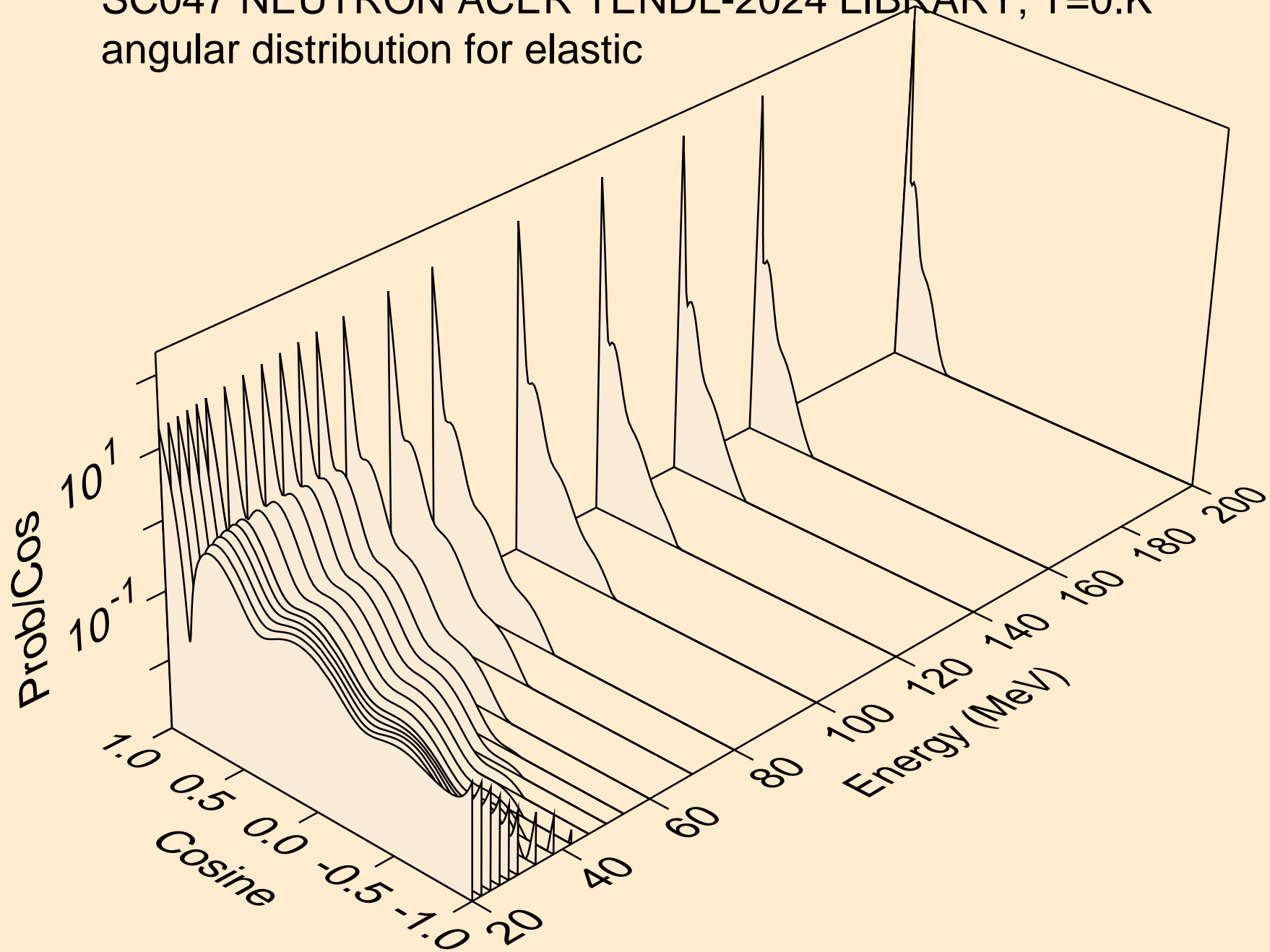
## Threshold reactions



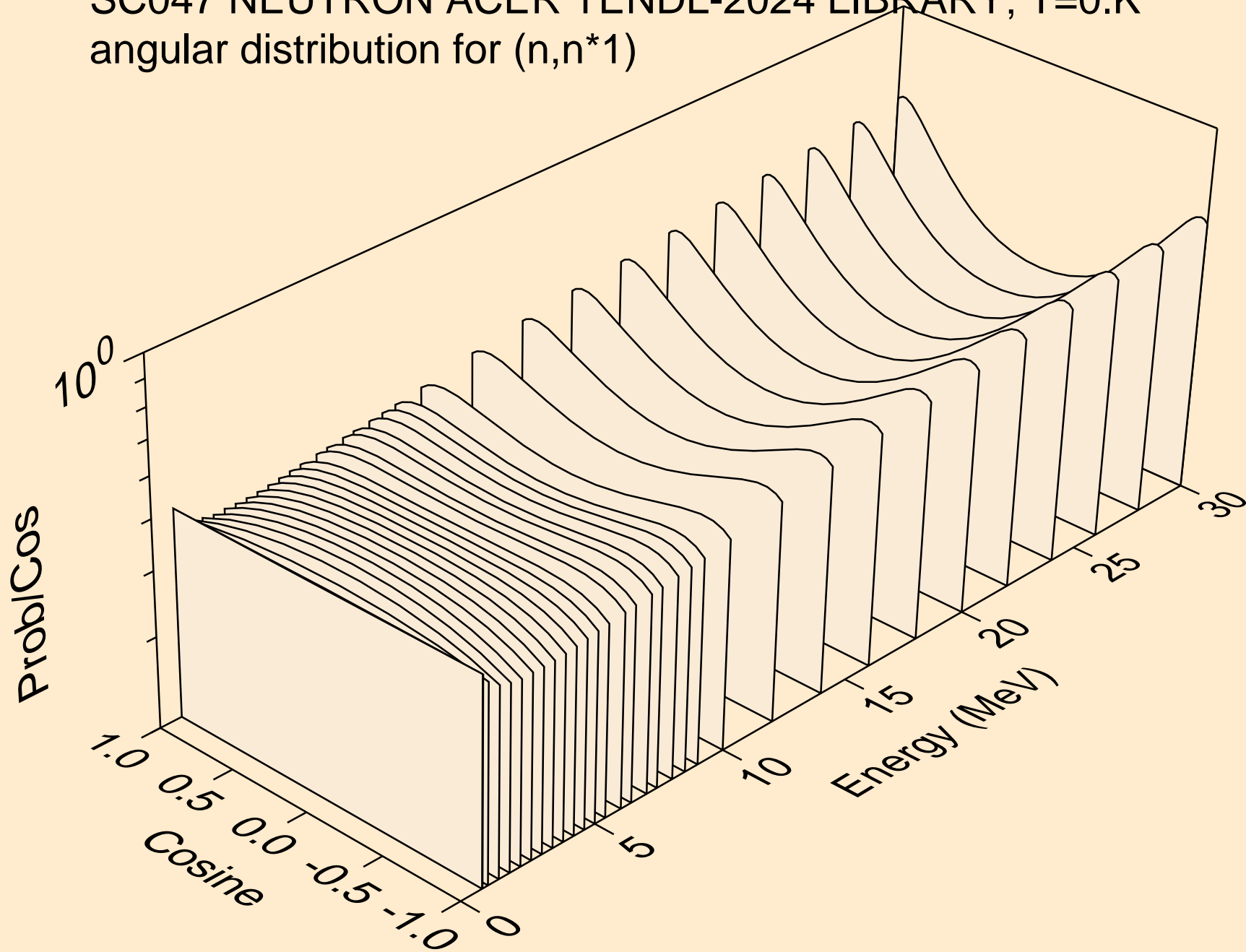
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



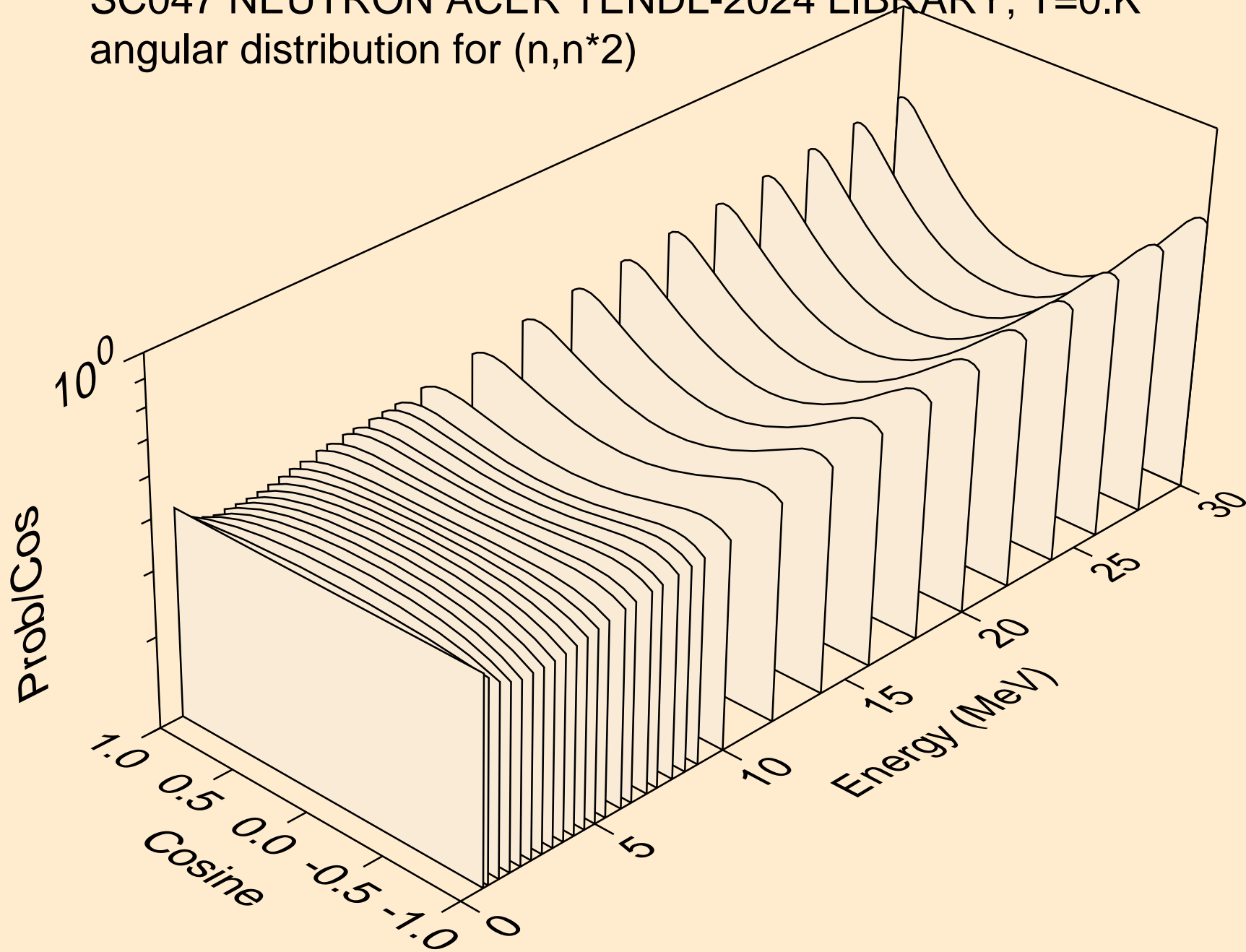
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



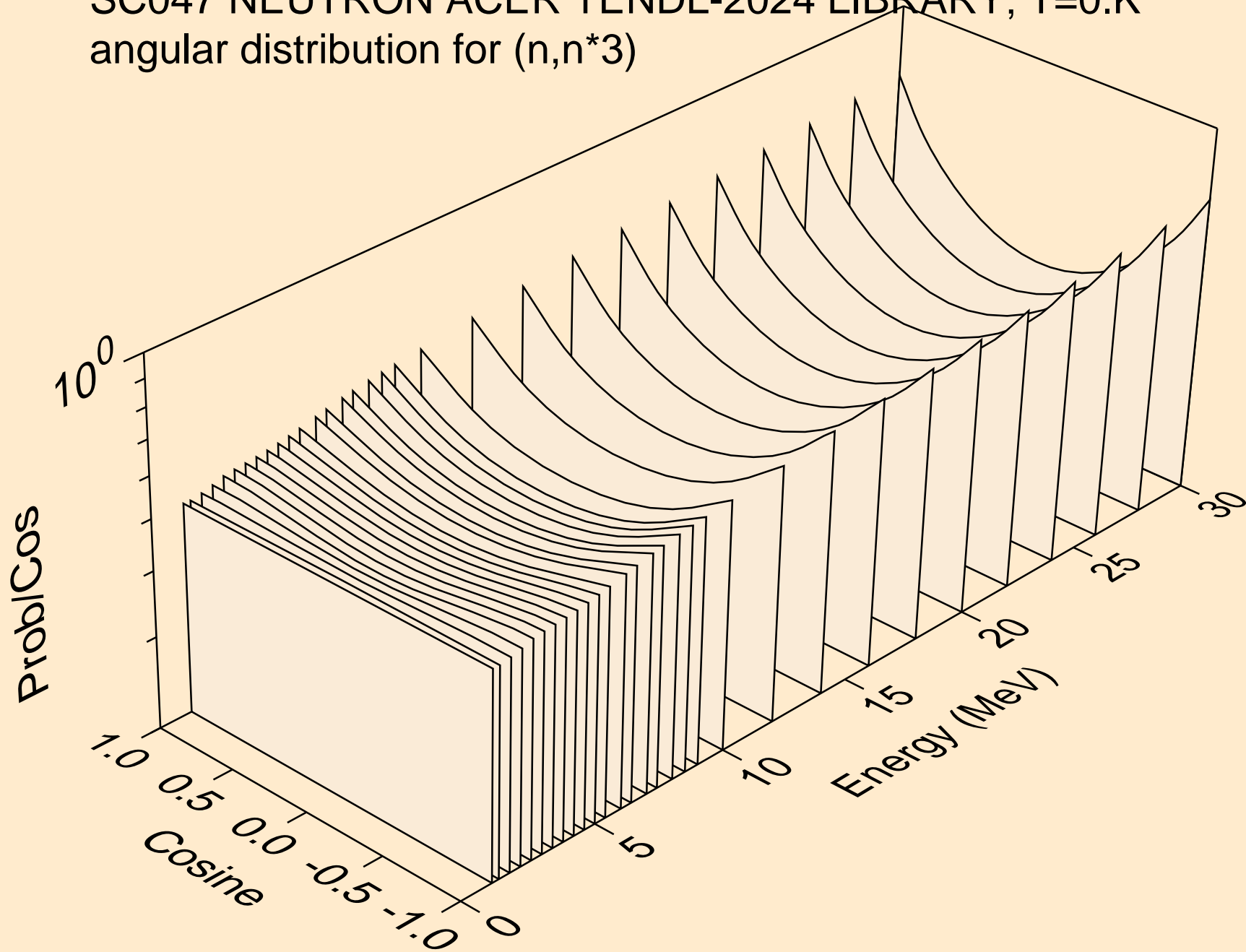
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

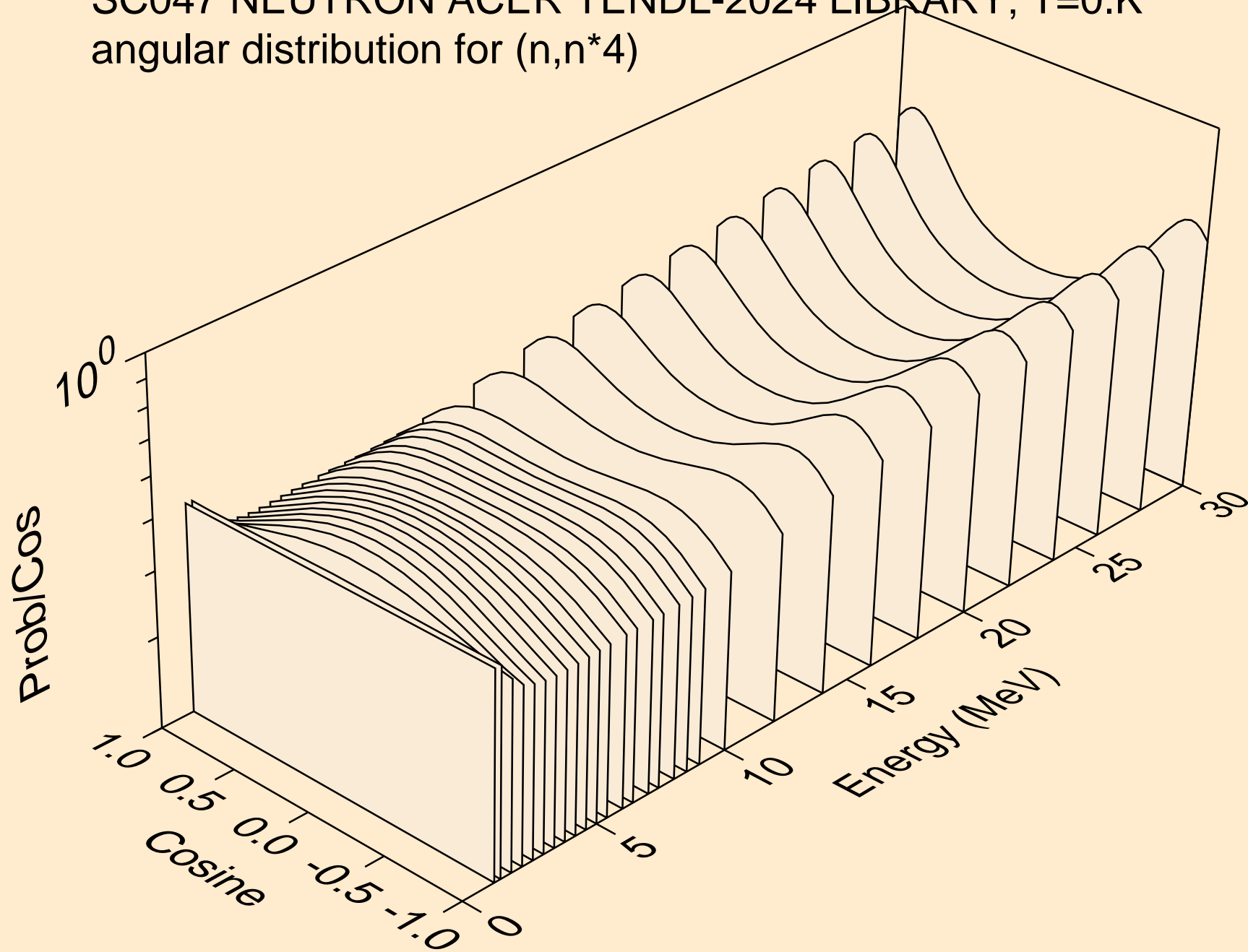


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

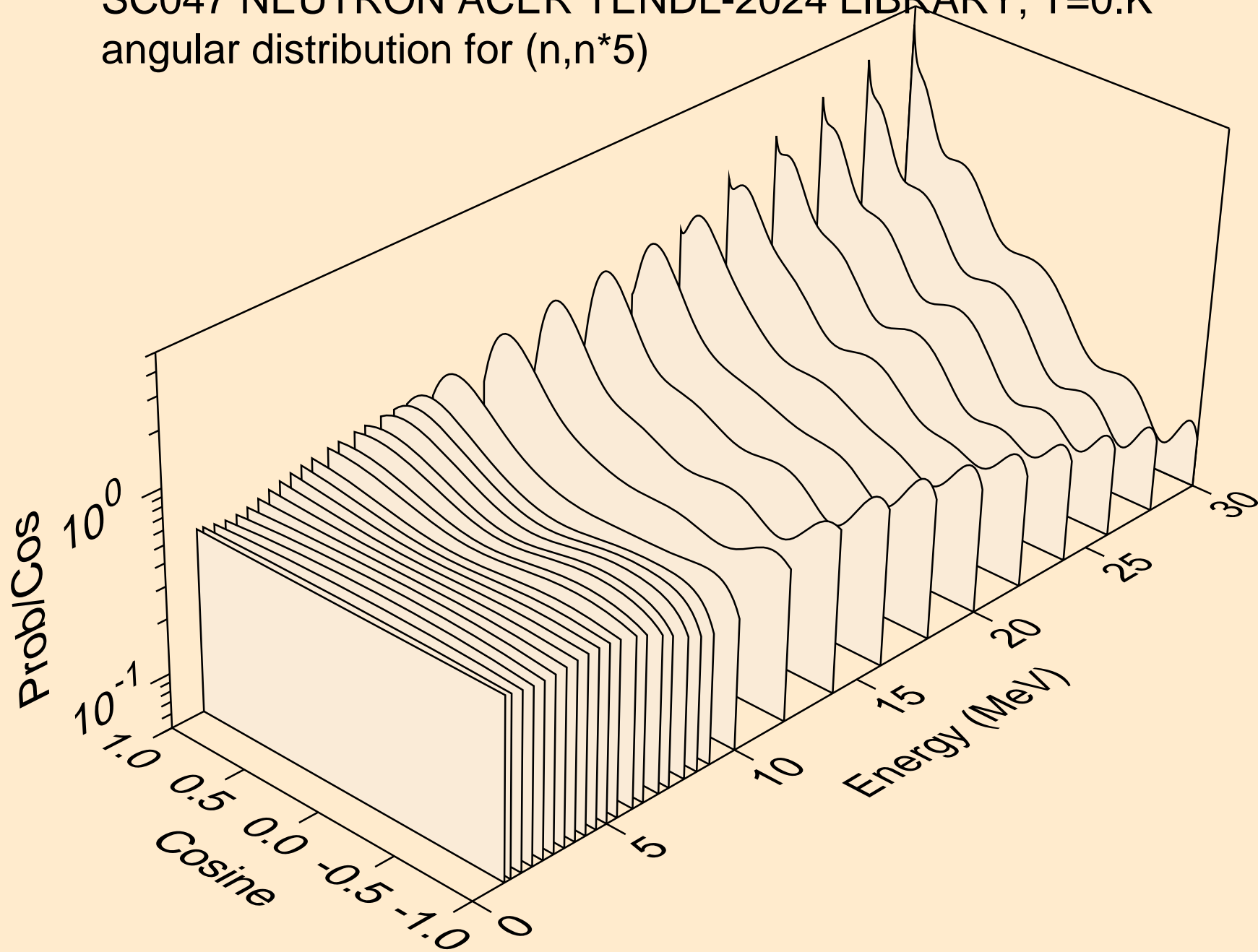




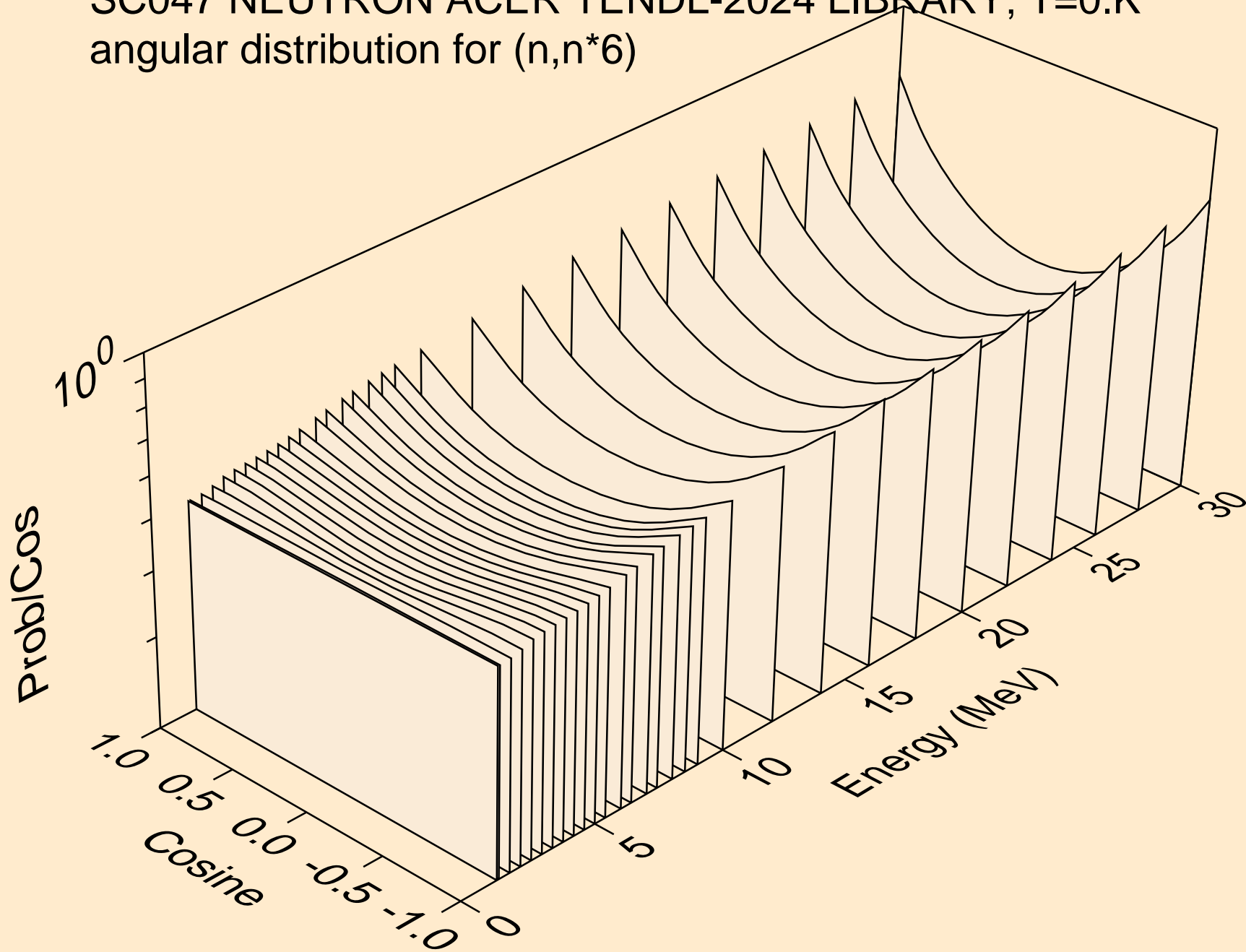
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angular distribution for (n,n\*4)



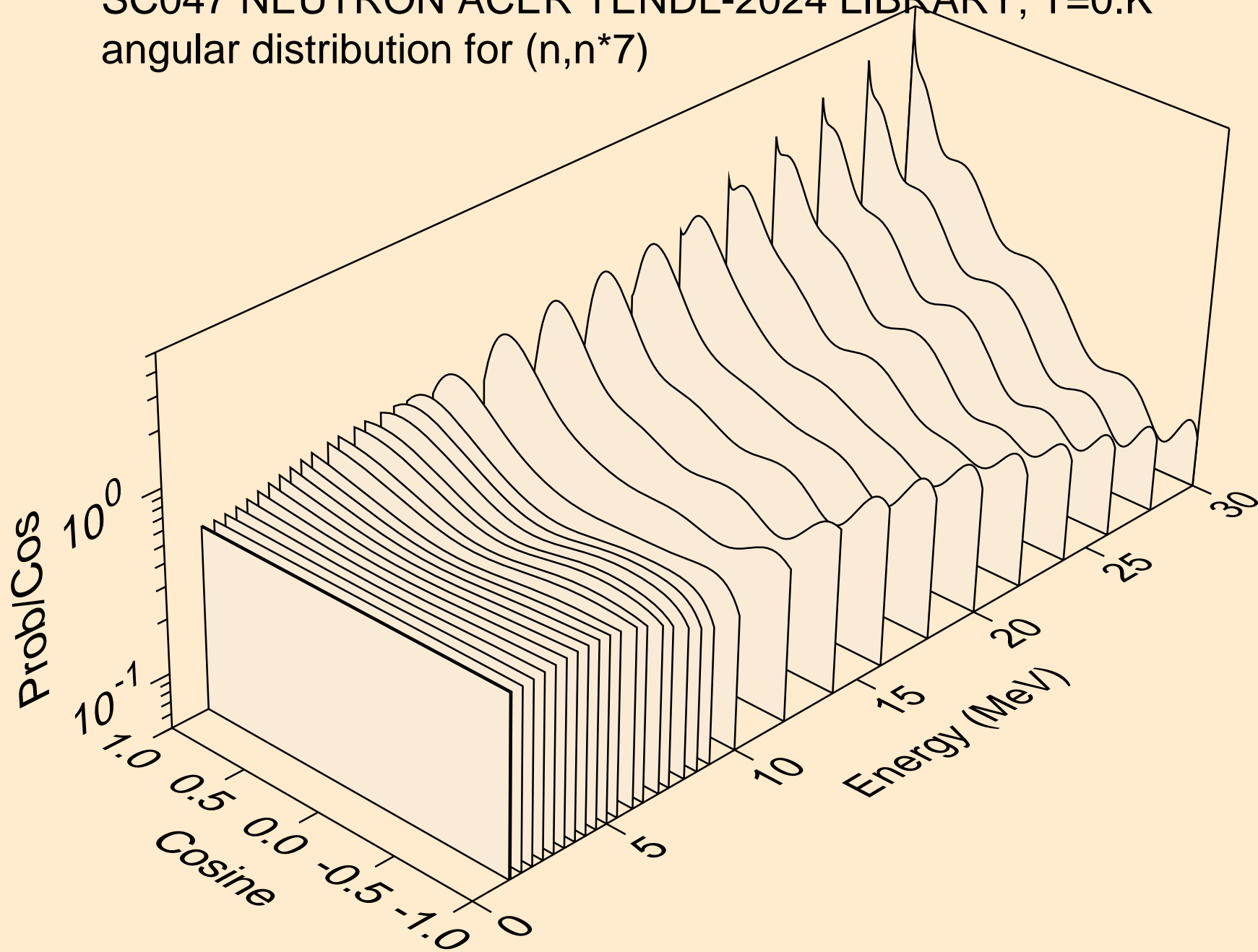
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angular distribution for (n,n\*5)



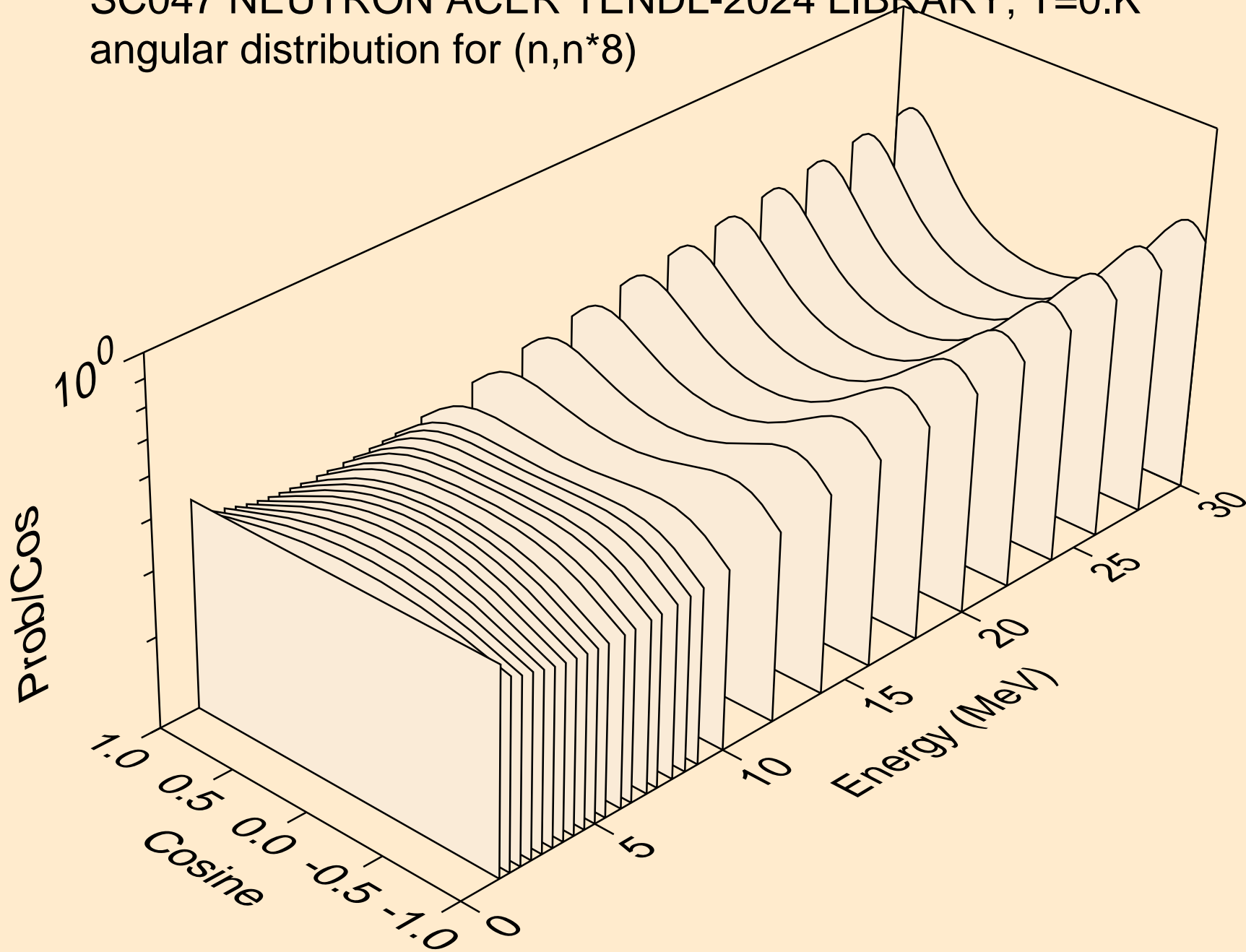
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angular distribution for (n,n\*6)



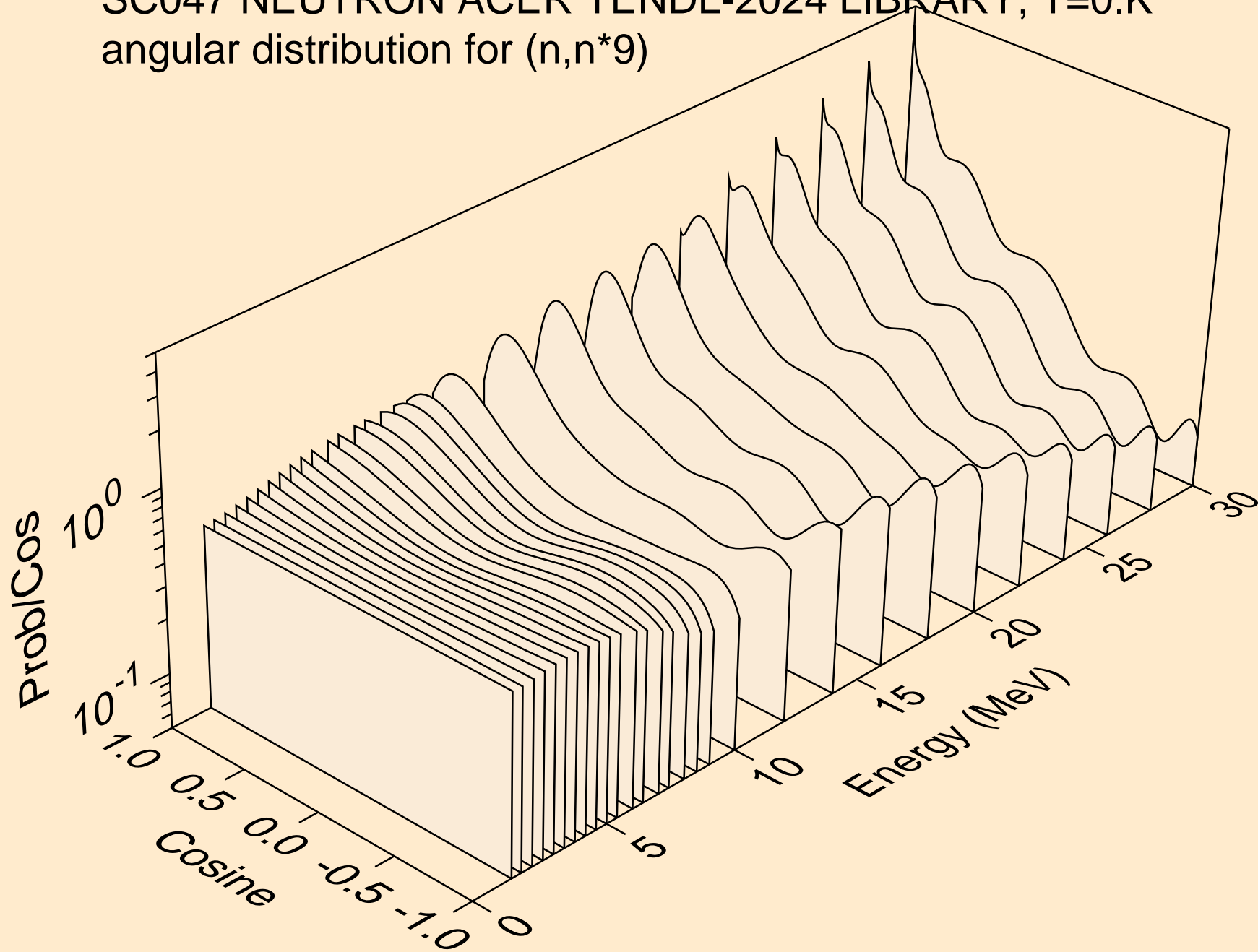
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angular distribution for (n,n\*7)



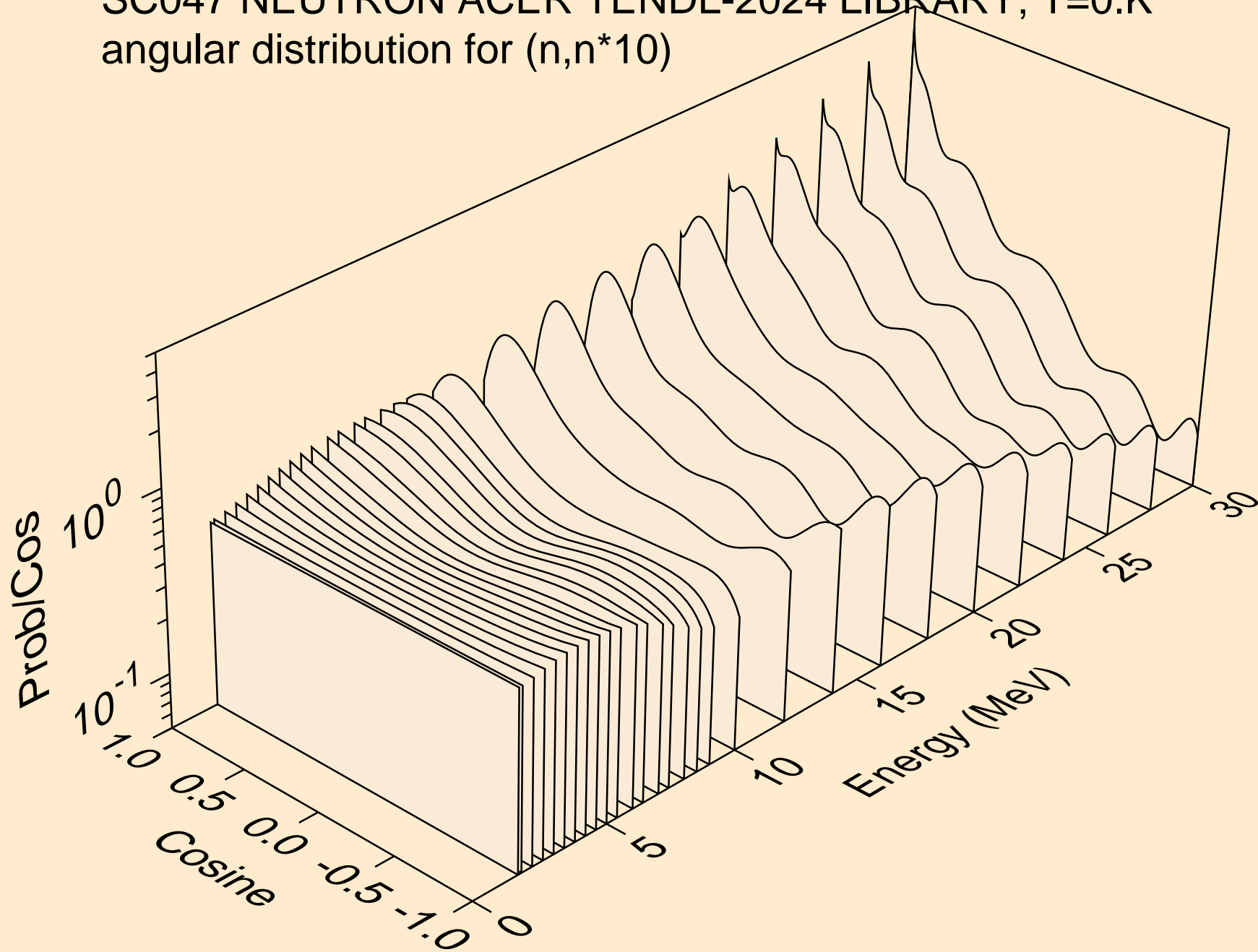
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angular distribution for (n,n\*8)



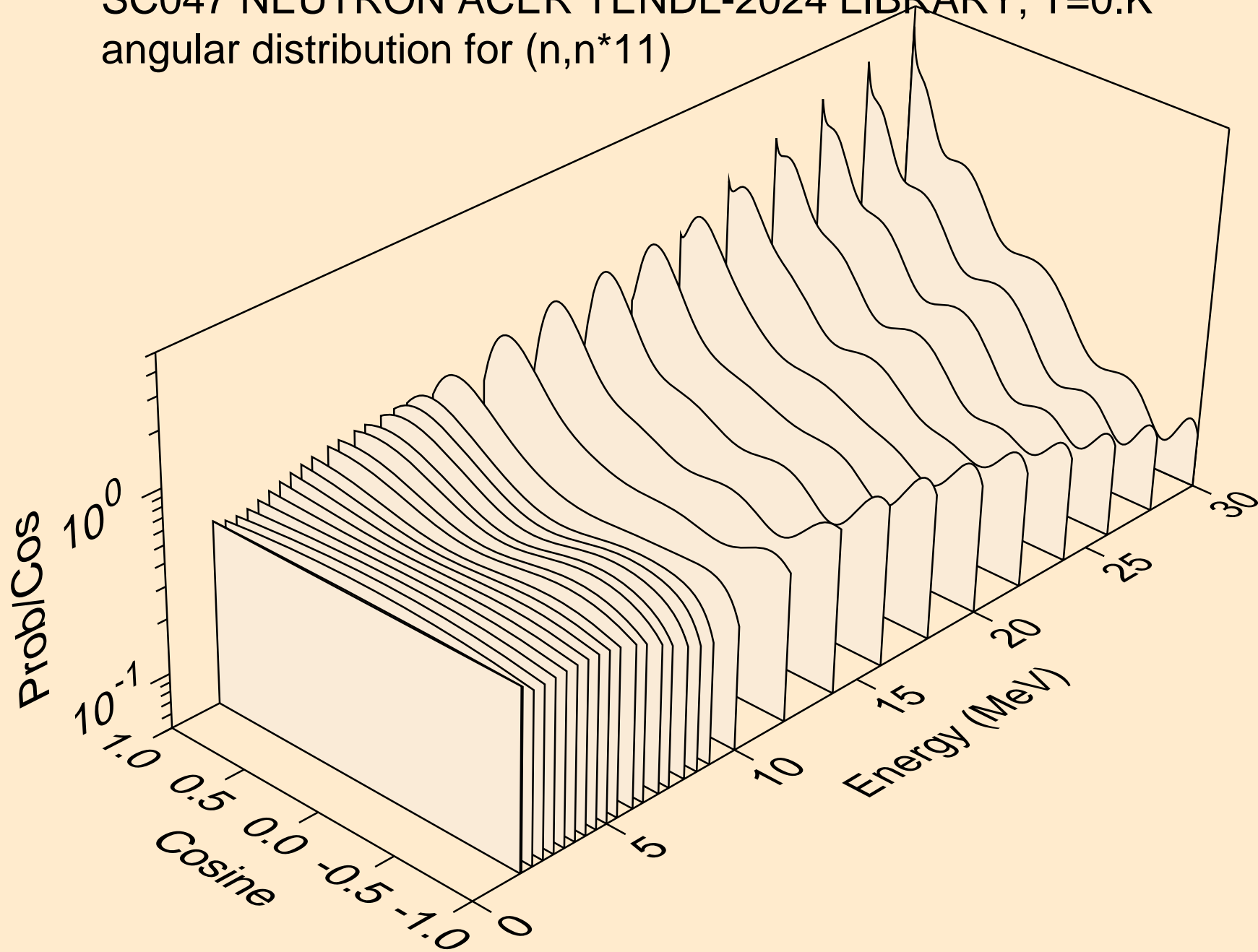
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

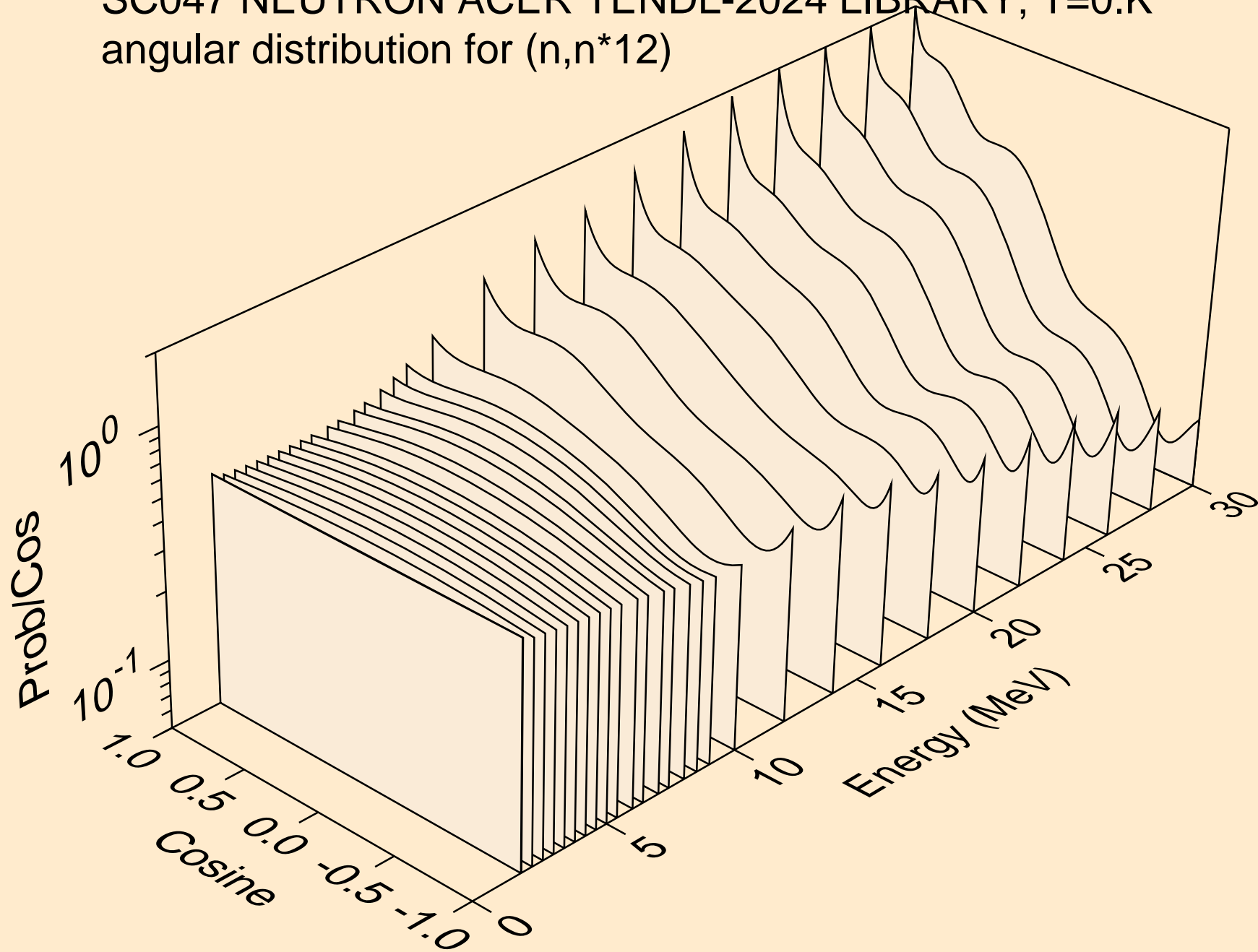


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

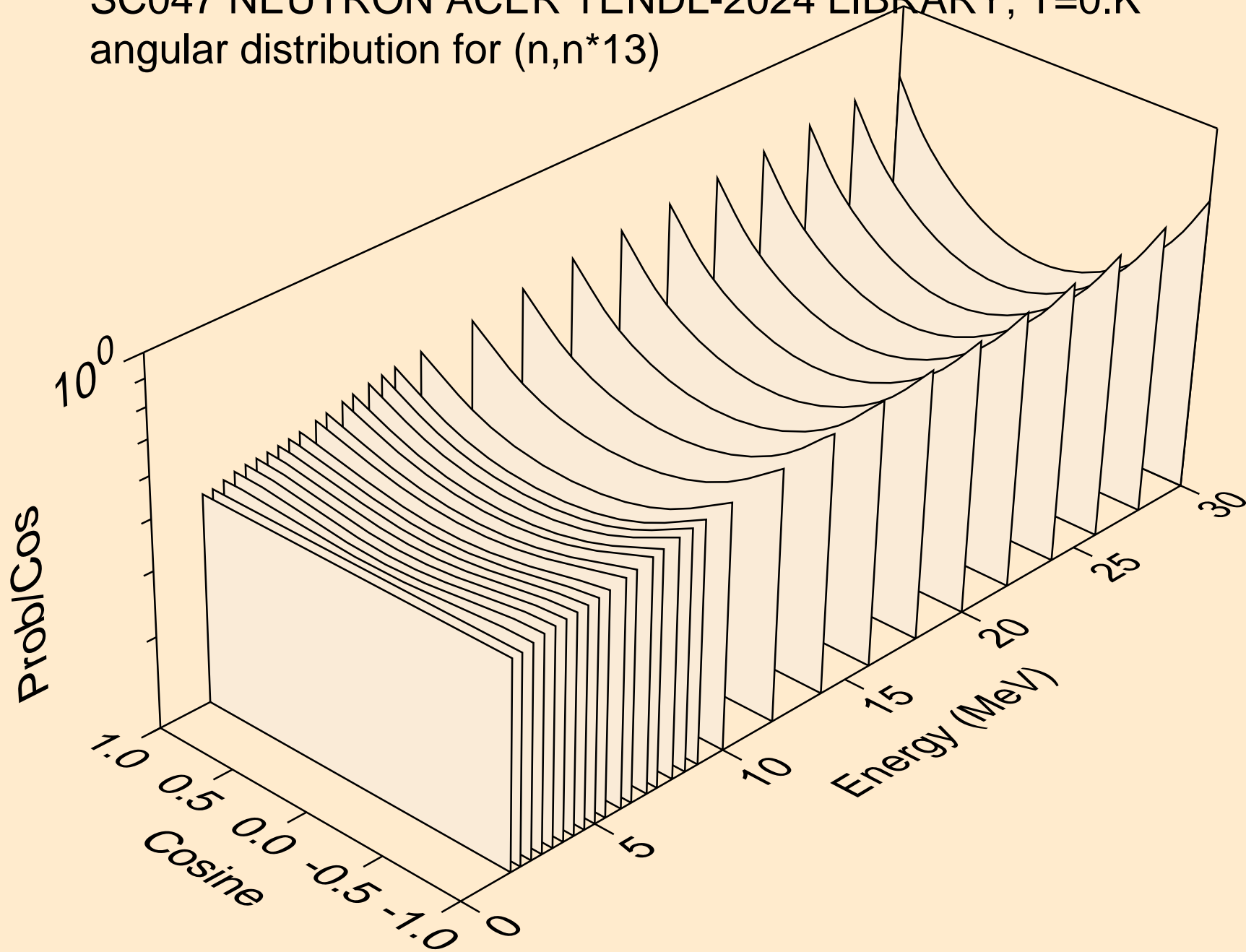




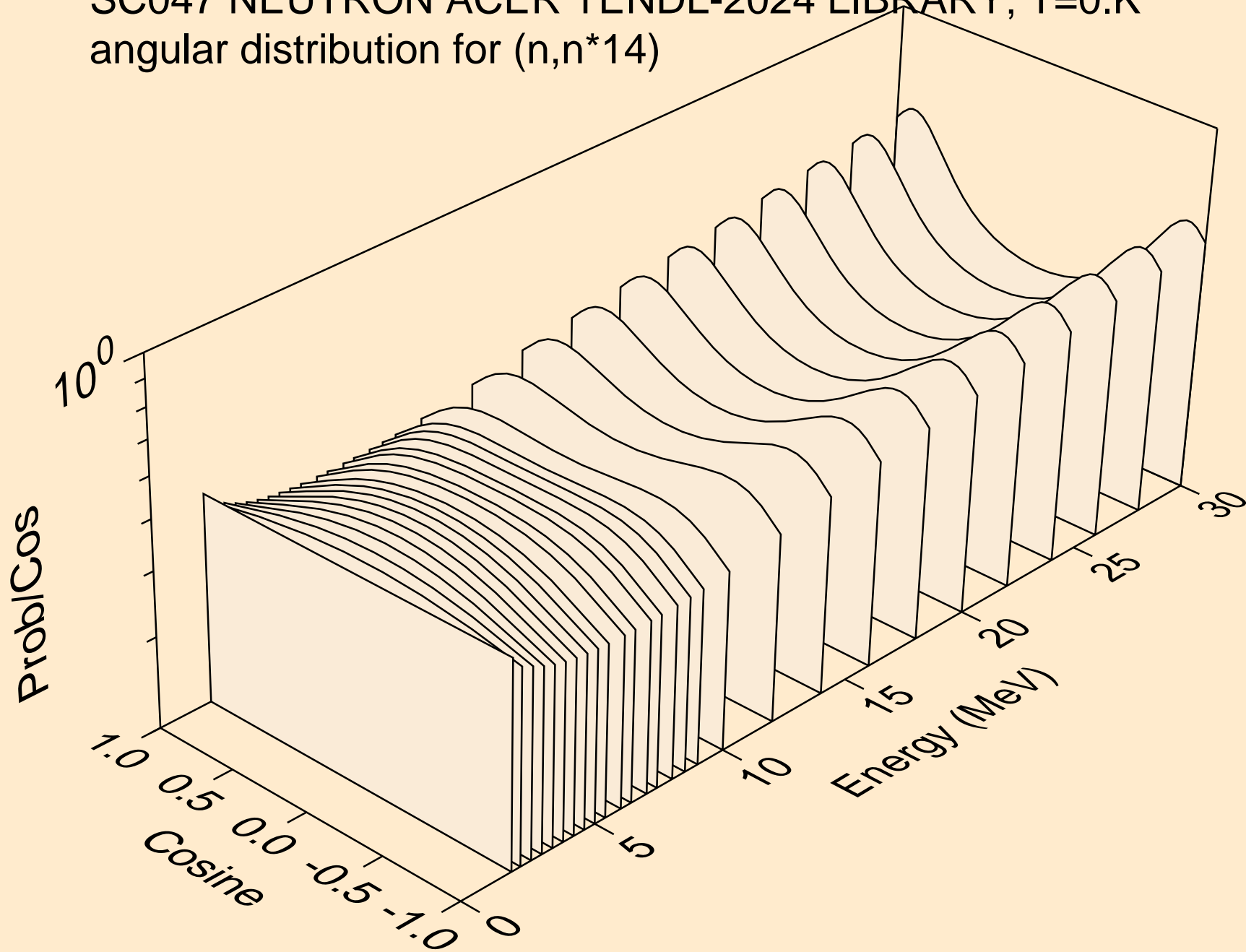
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angular distribution for (n,n\*12)



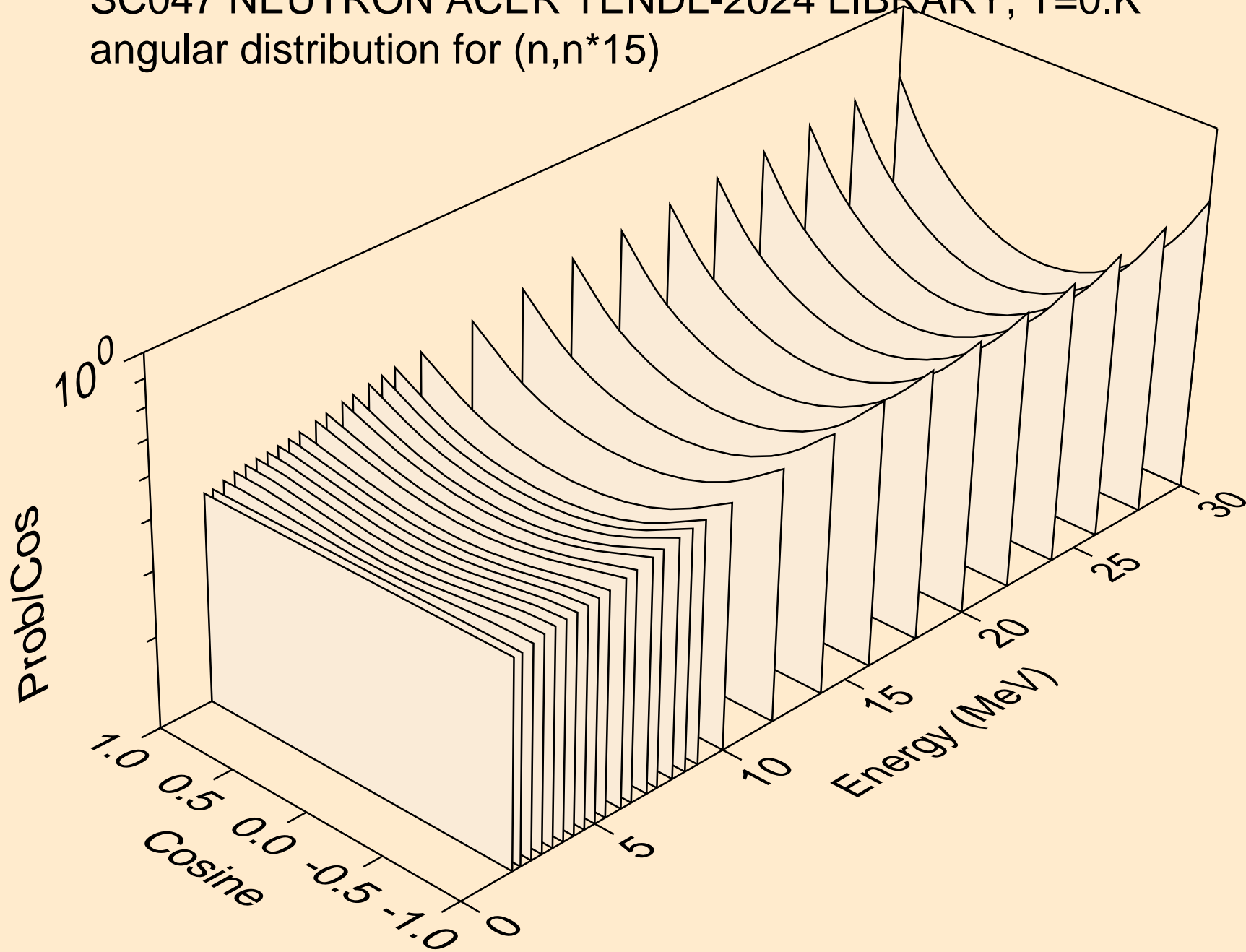
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angular distribution for (n,n\*13)



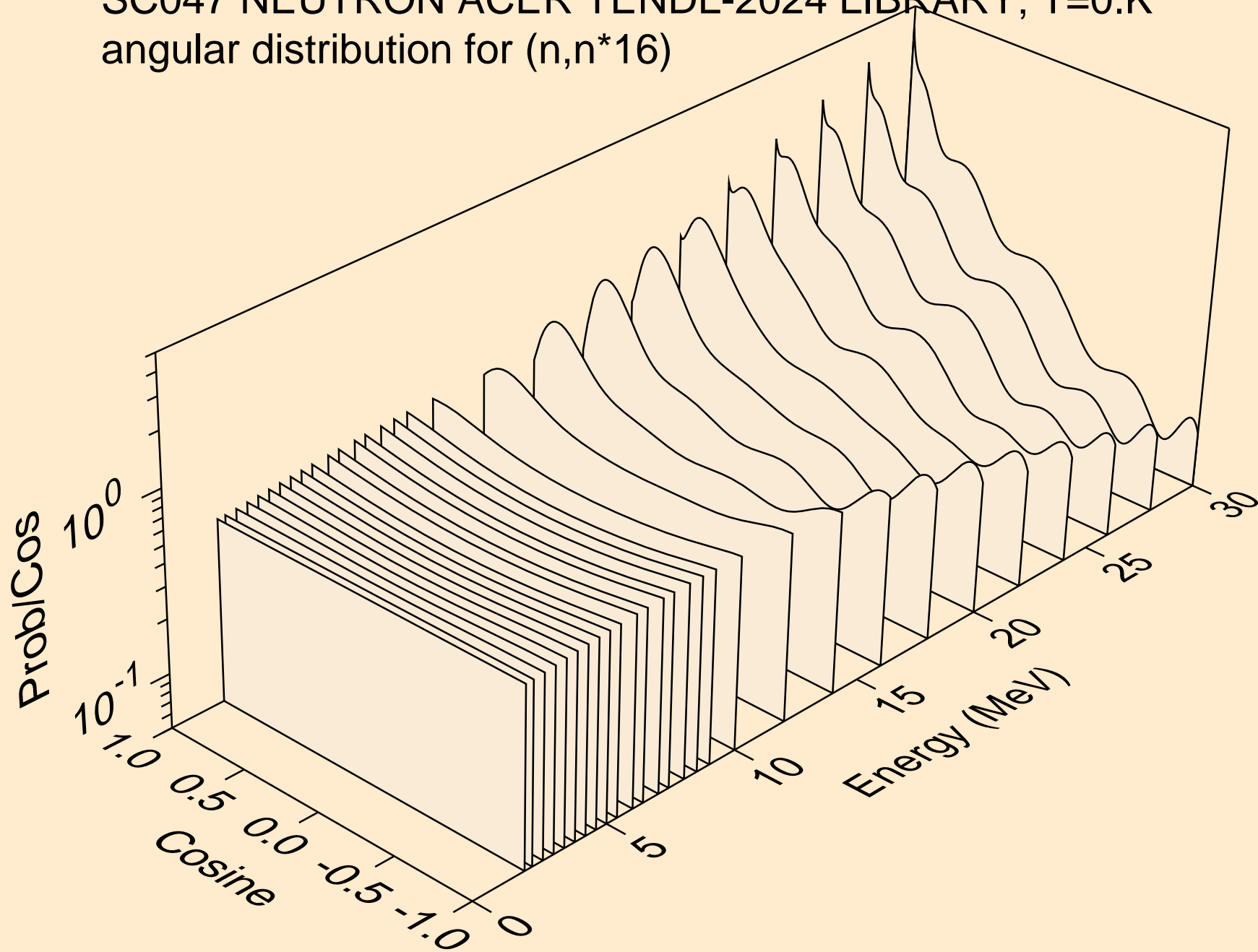
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angular distribution for (n,n\*14)



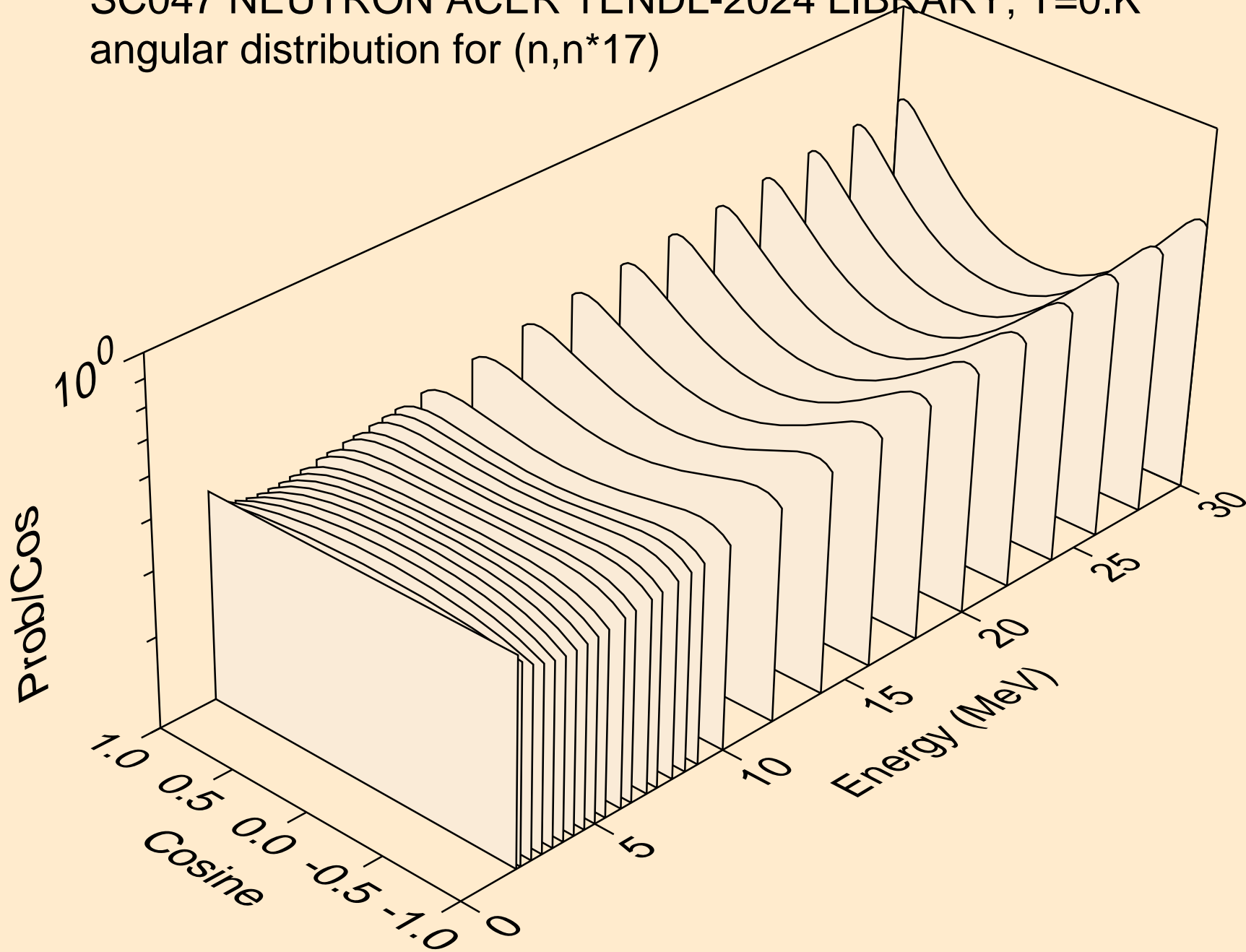
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angular distribution for (n,n\*15)



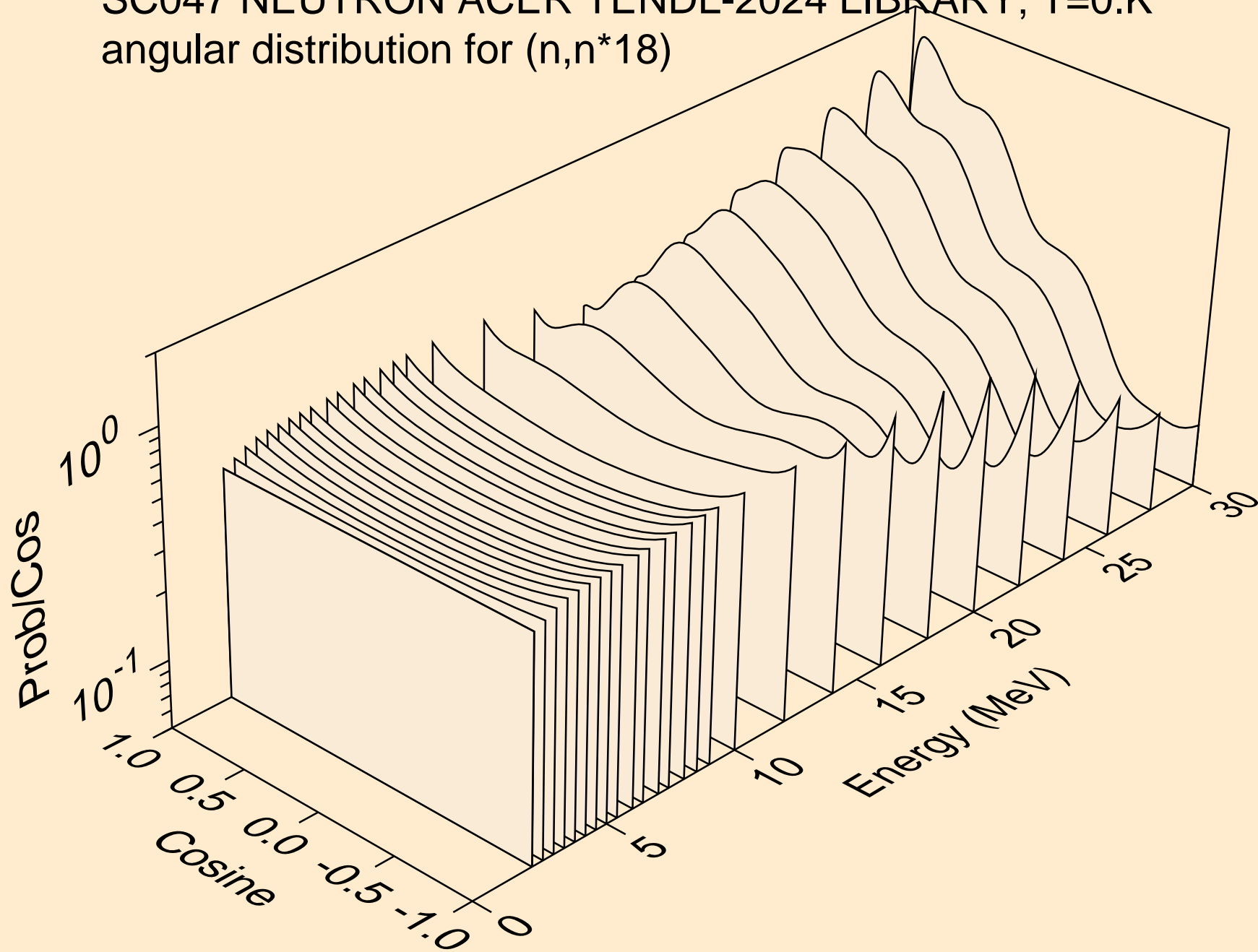
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angular distribution for (n,n\*16)



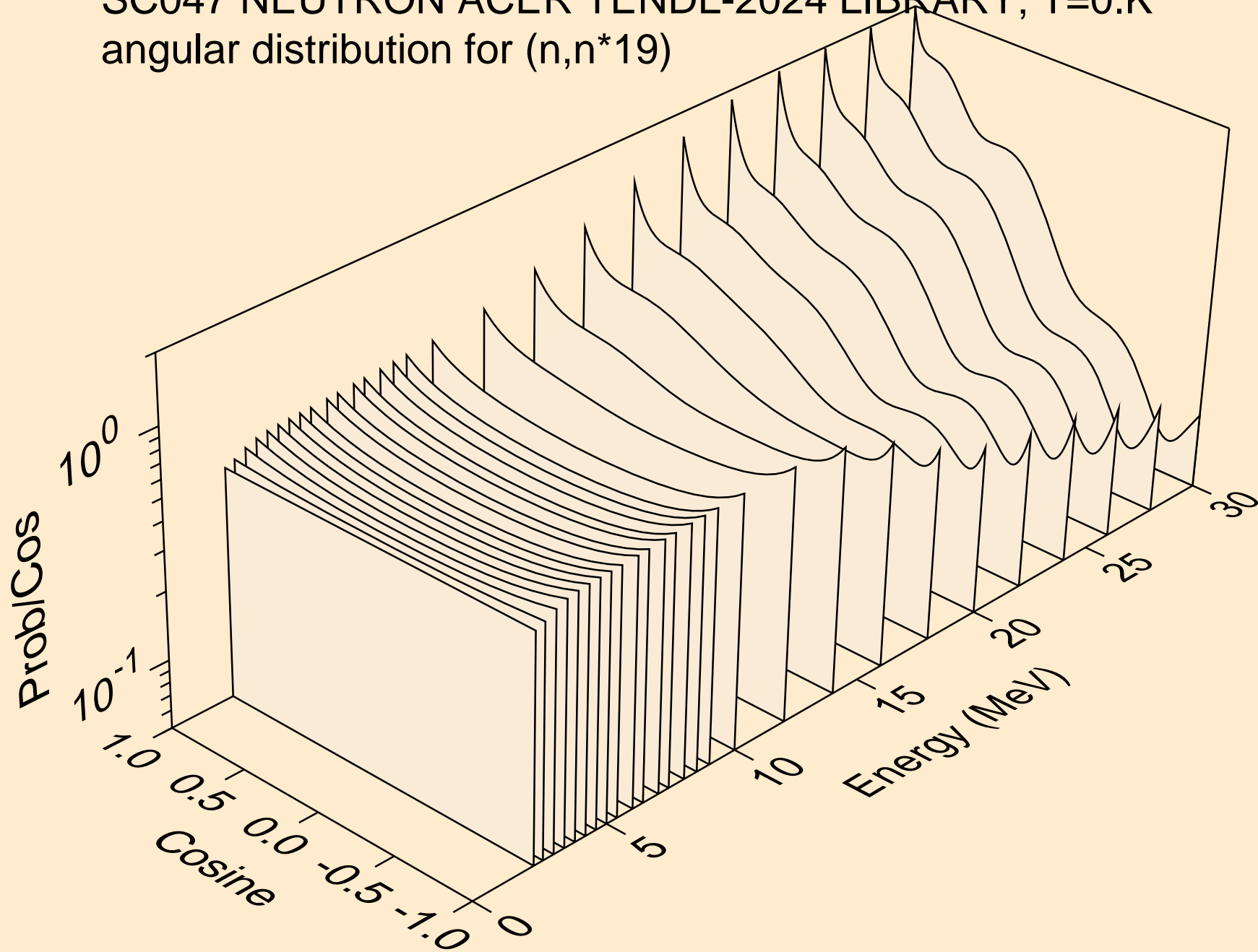
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

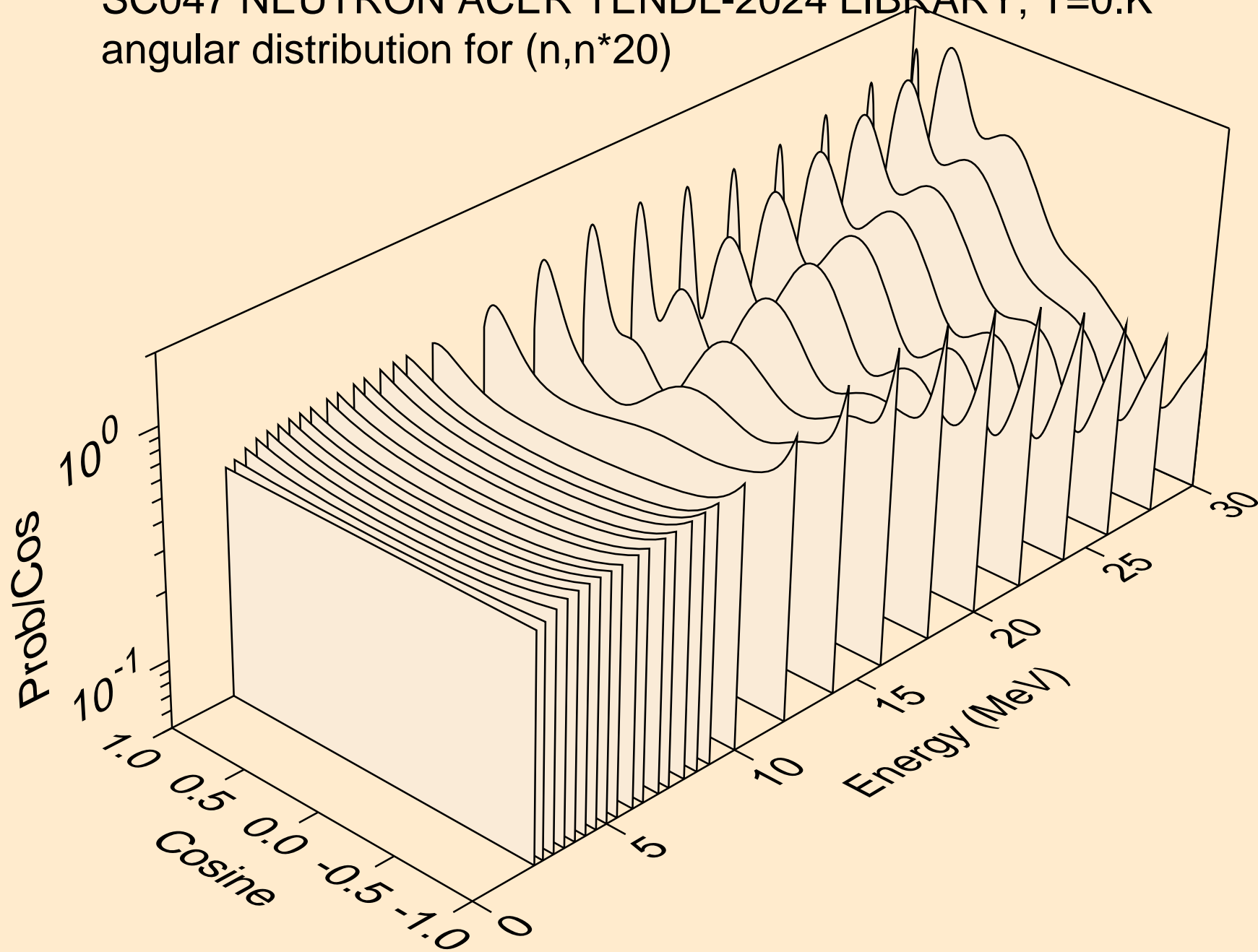


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

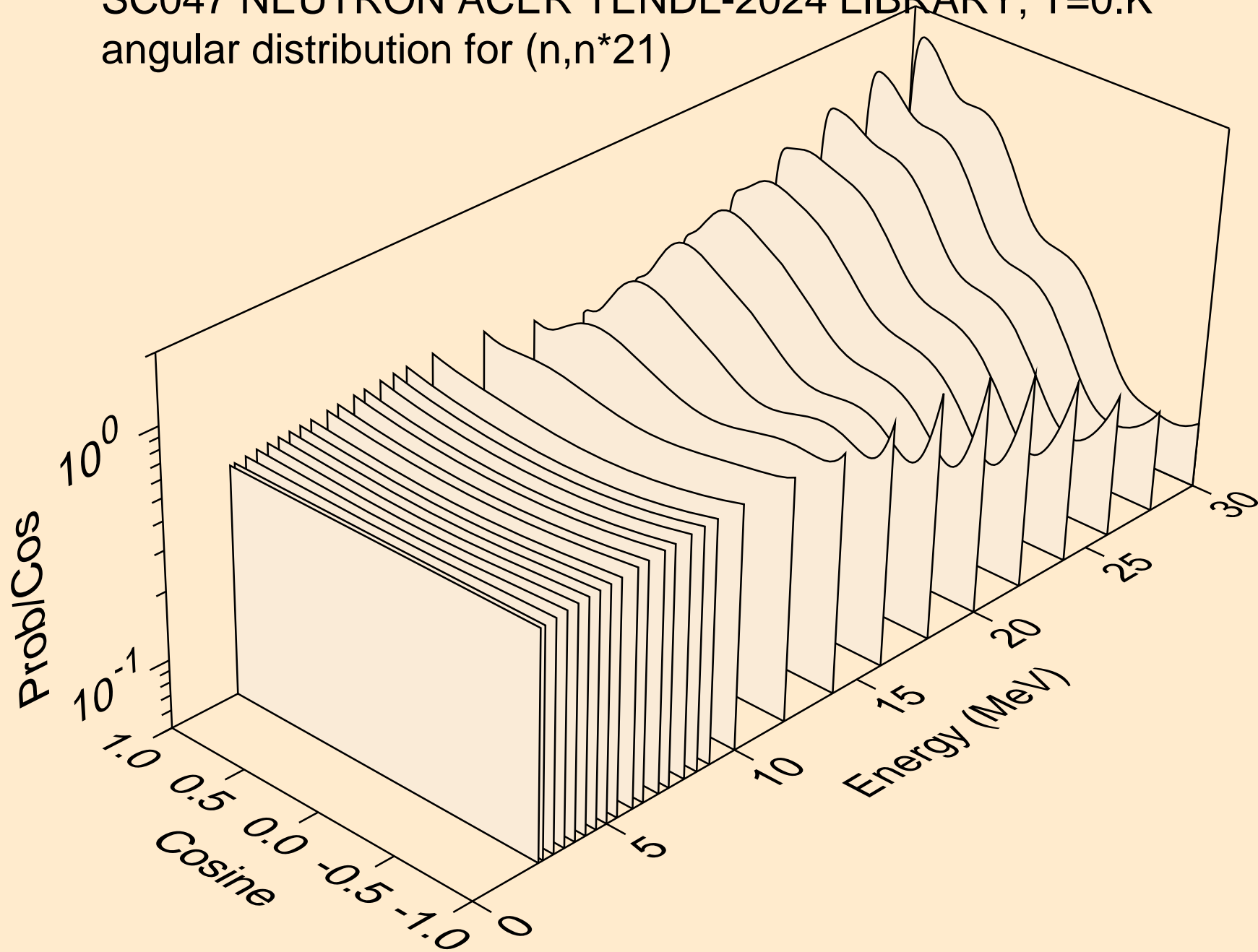




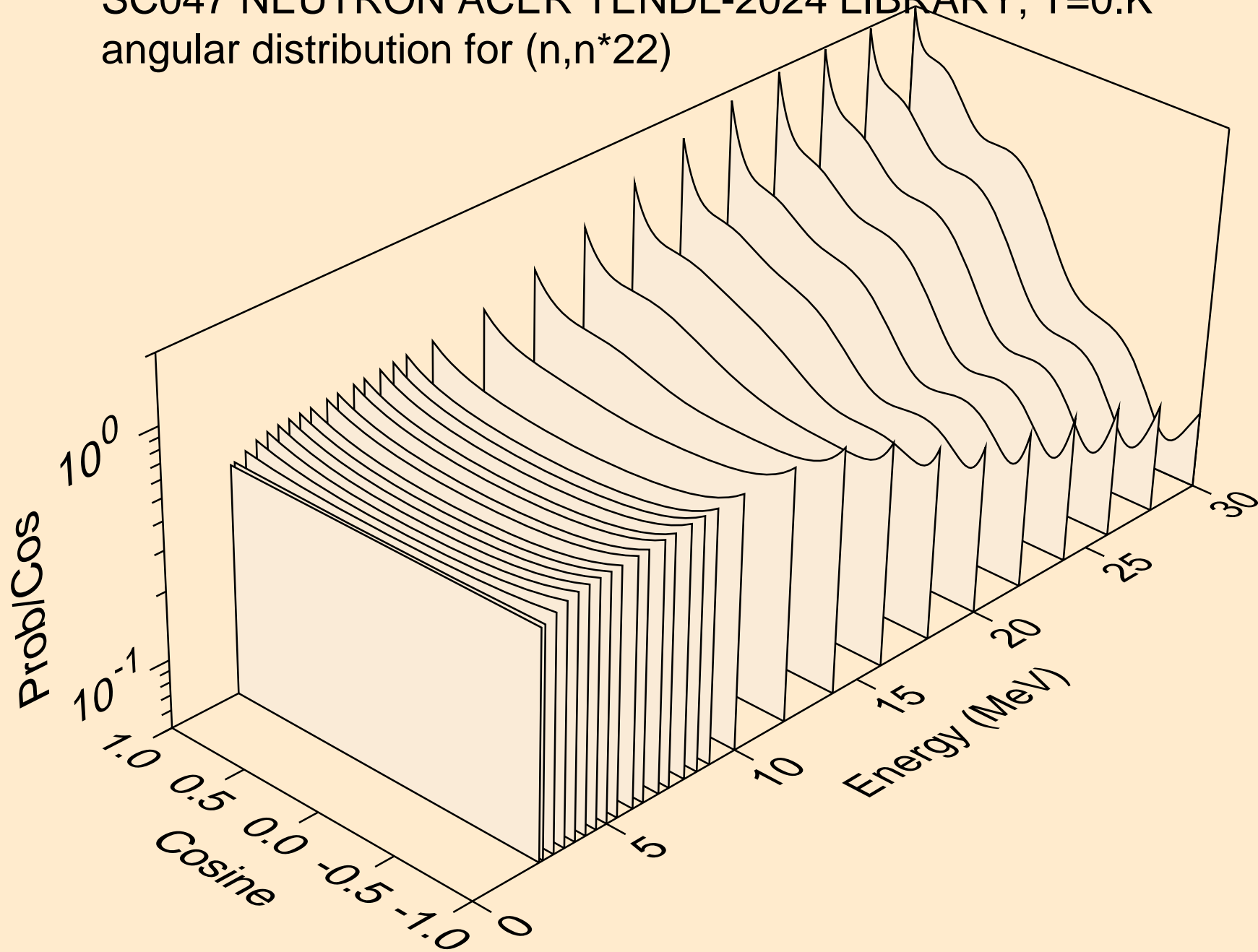
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angular distribution for (n,n\*20)



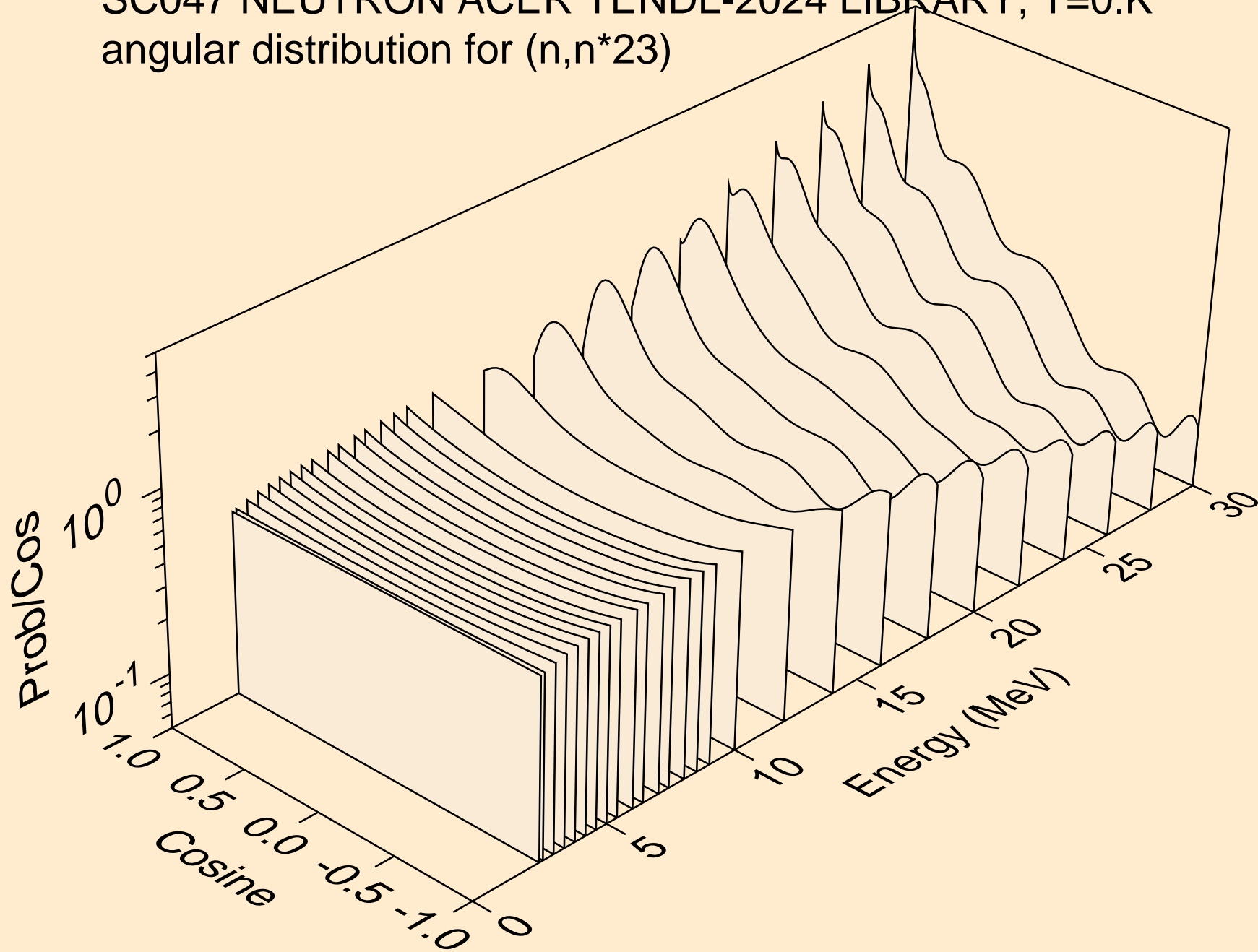
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angular distribution for (n,n\*21)



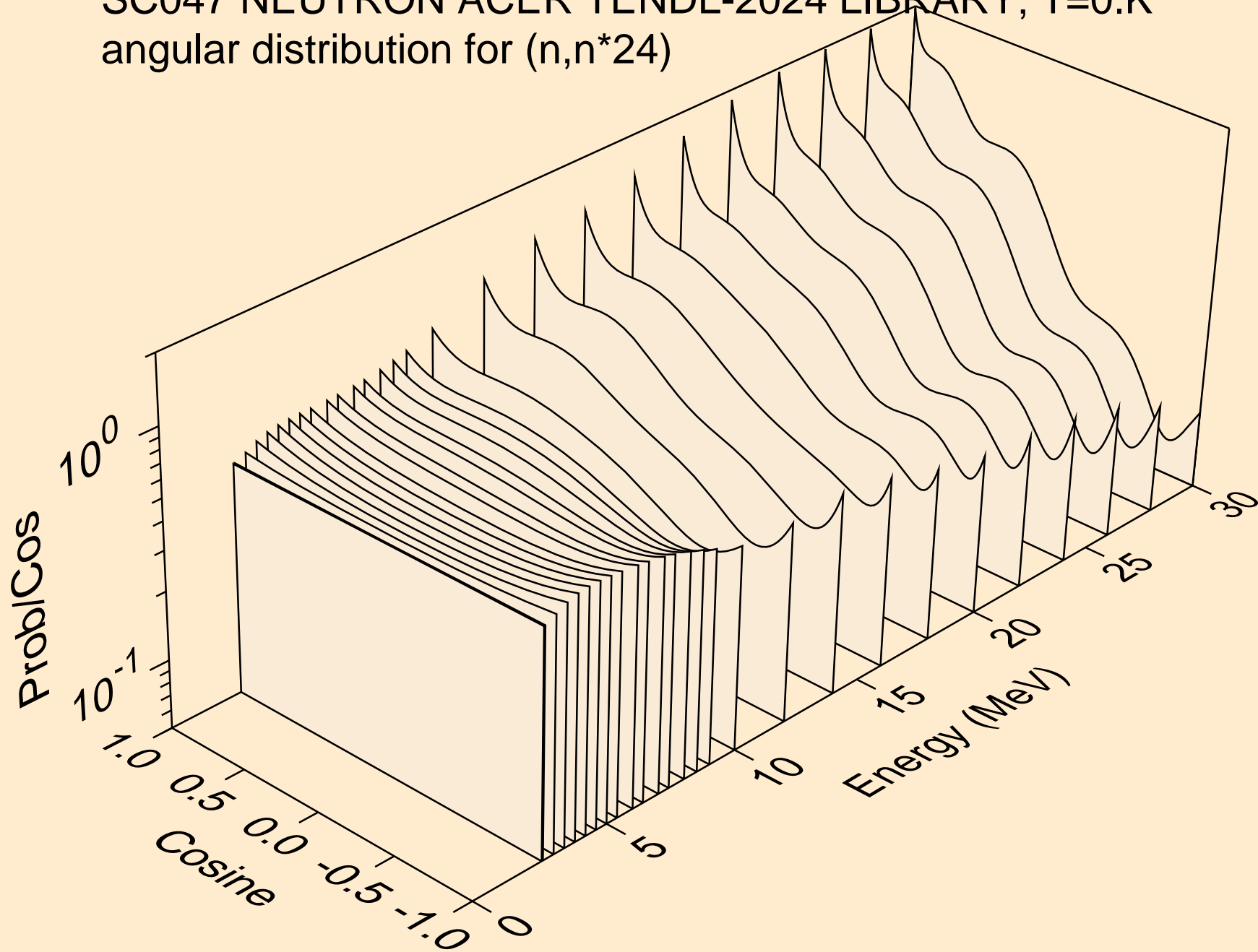
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angular distribution for (n,n\*22)



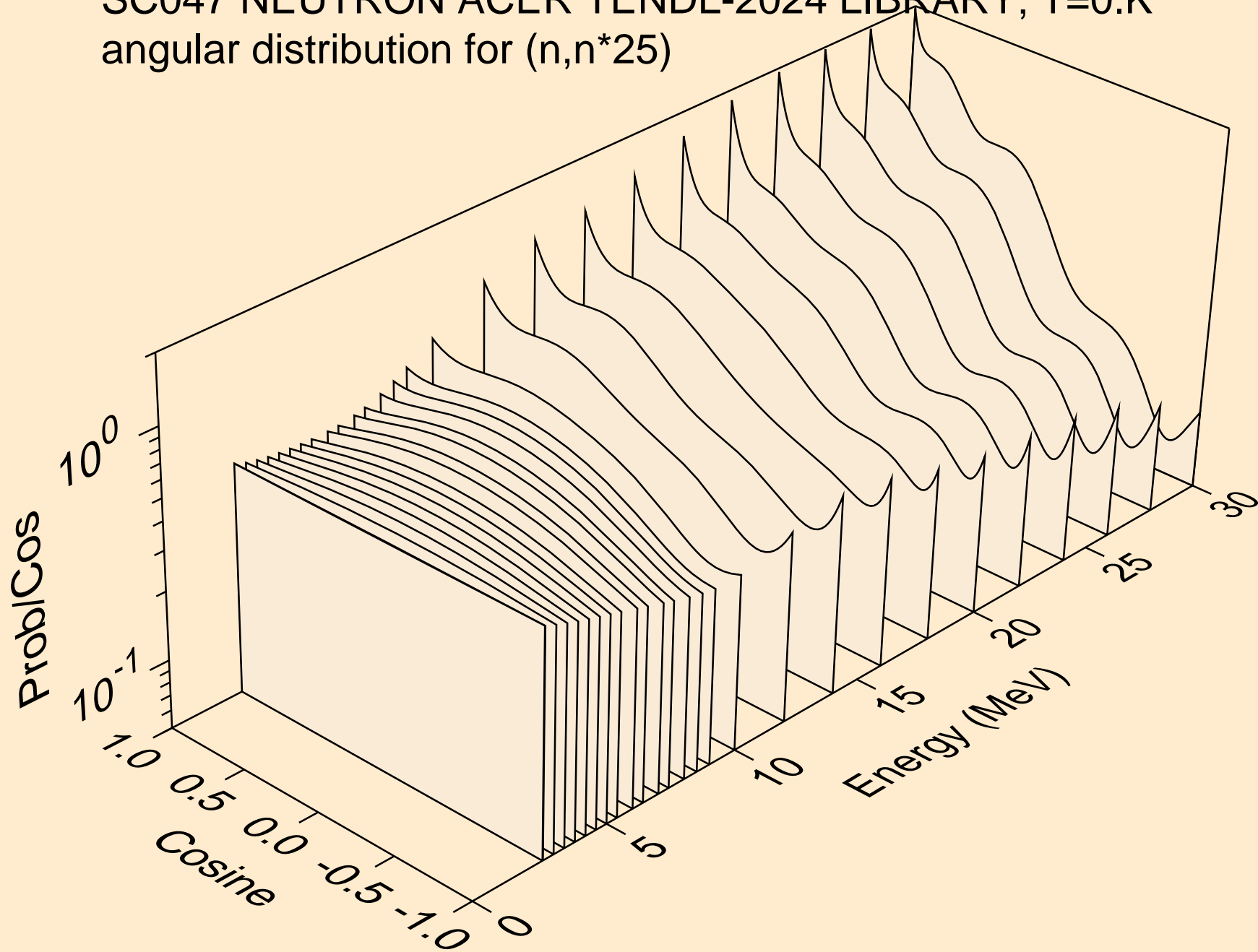
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angular distribution for (n,n\*23)



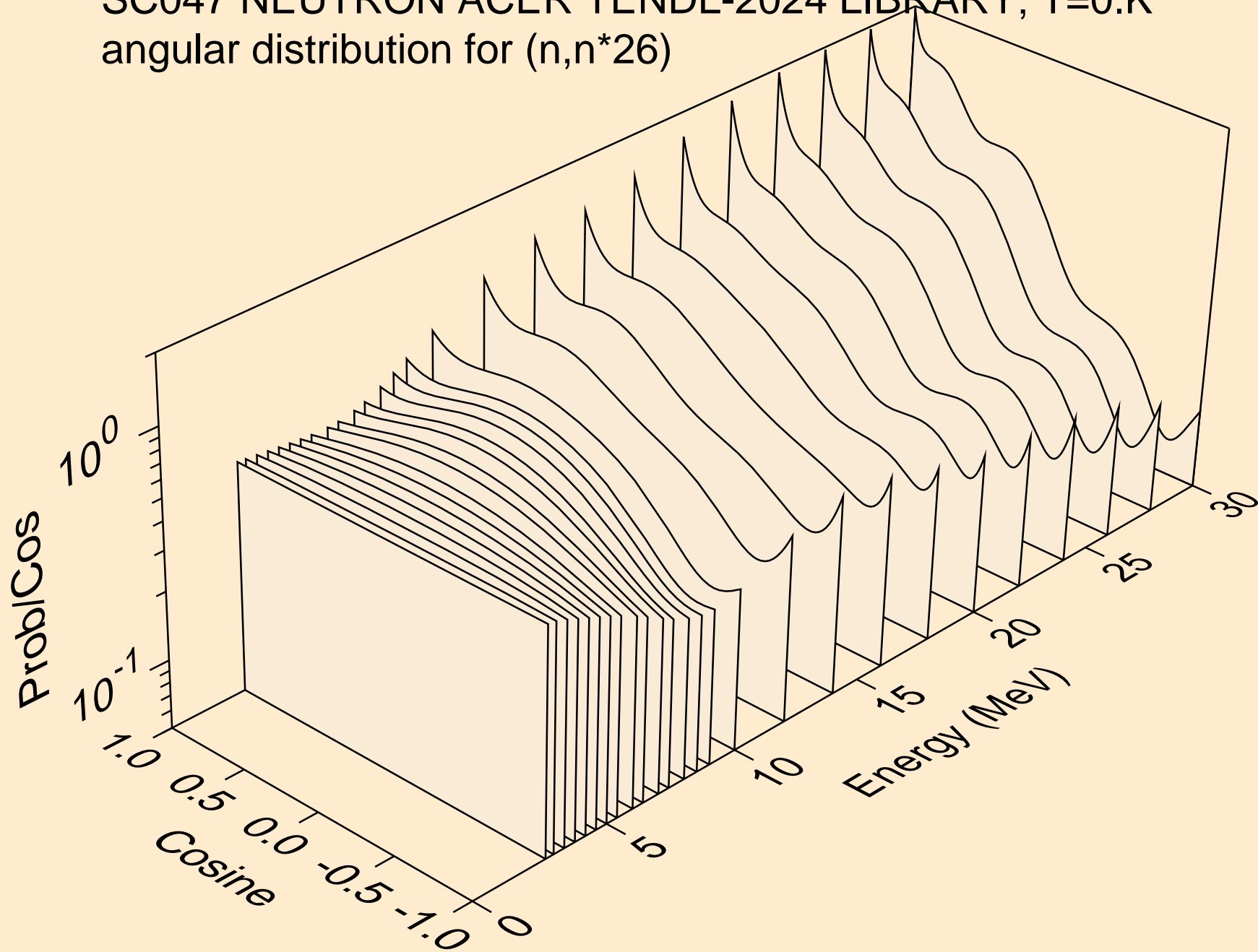
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angular distribution for (n,n\*24)



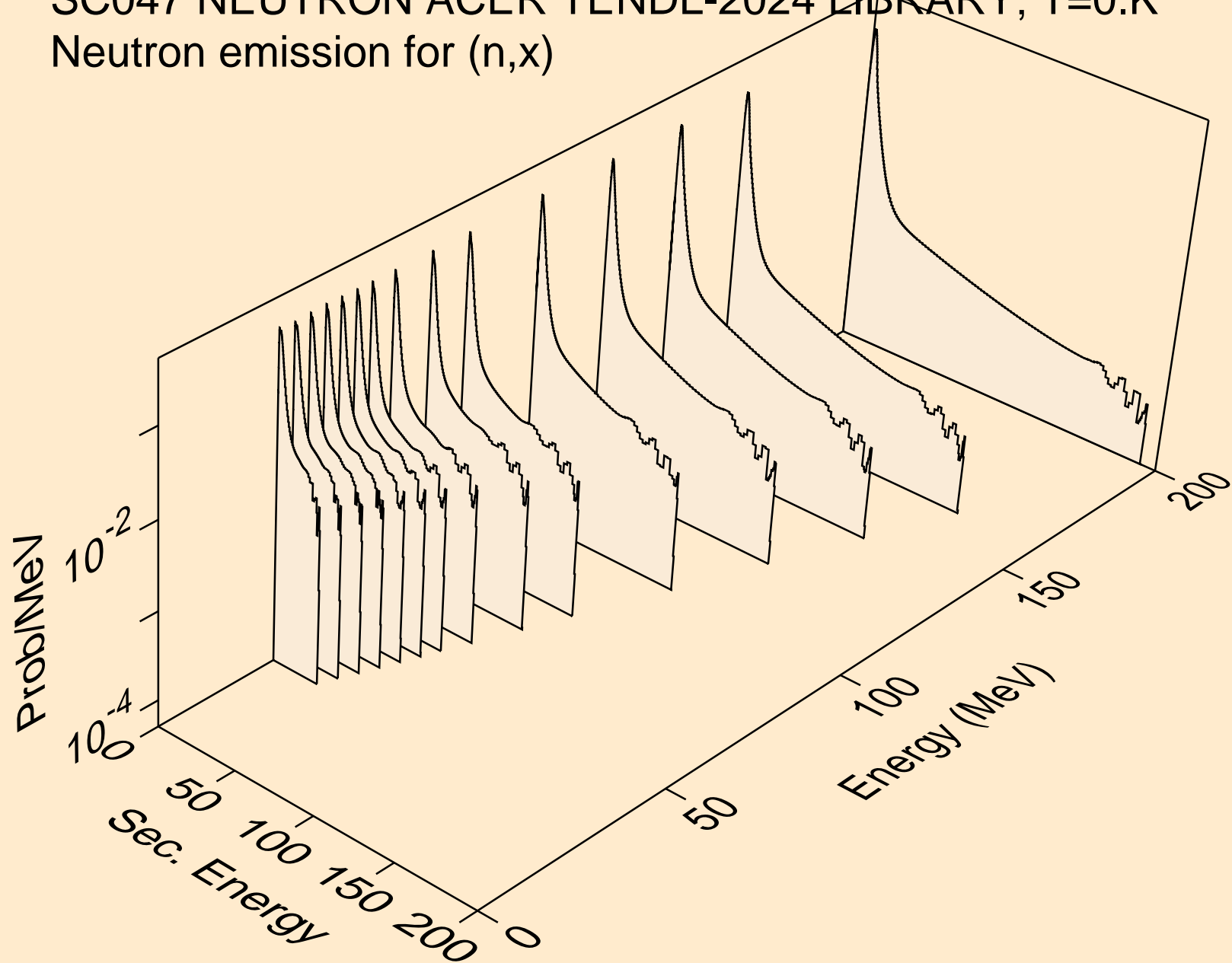
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

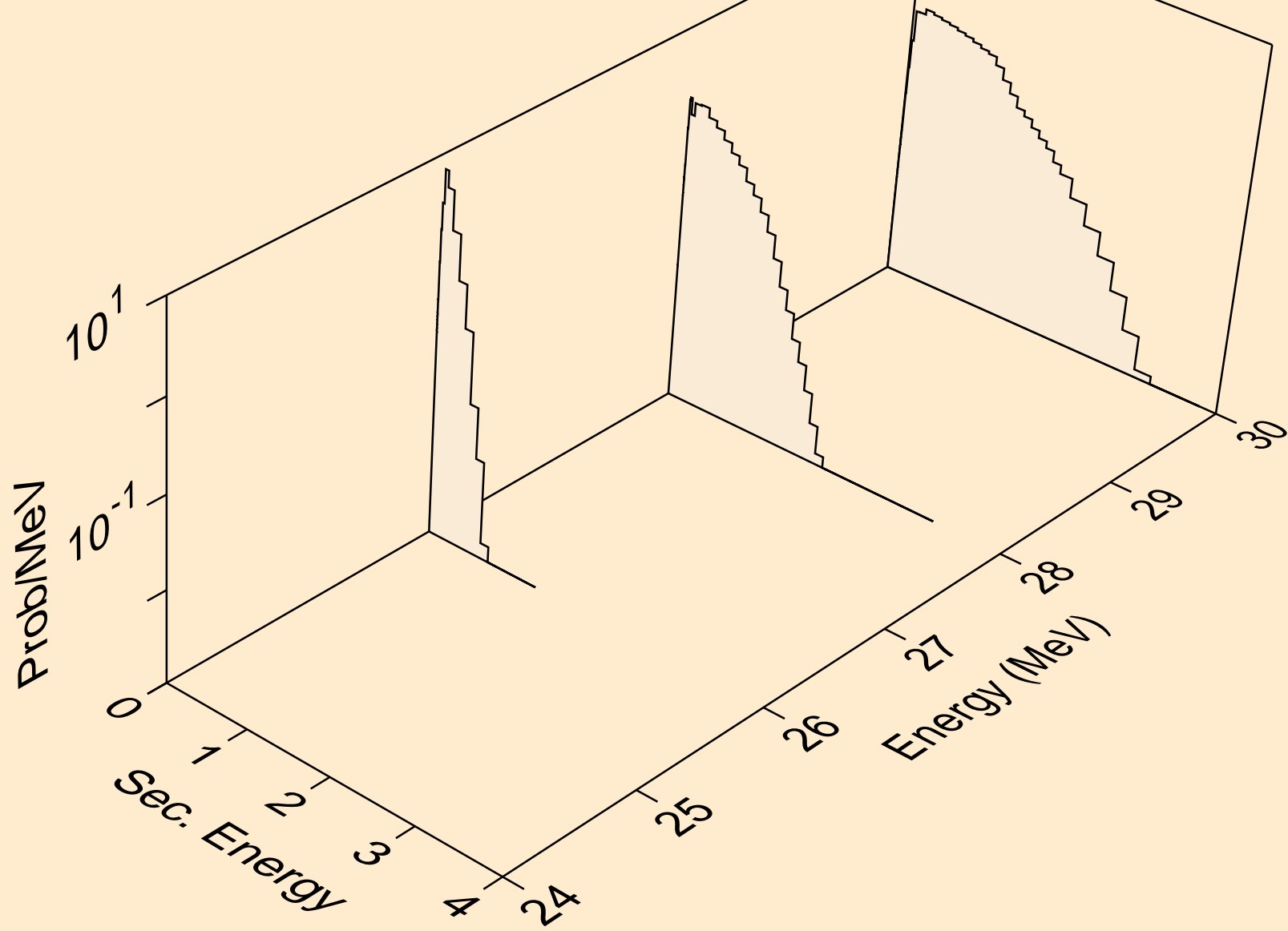


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

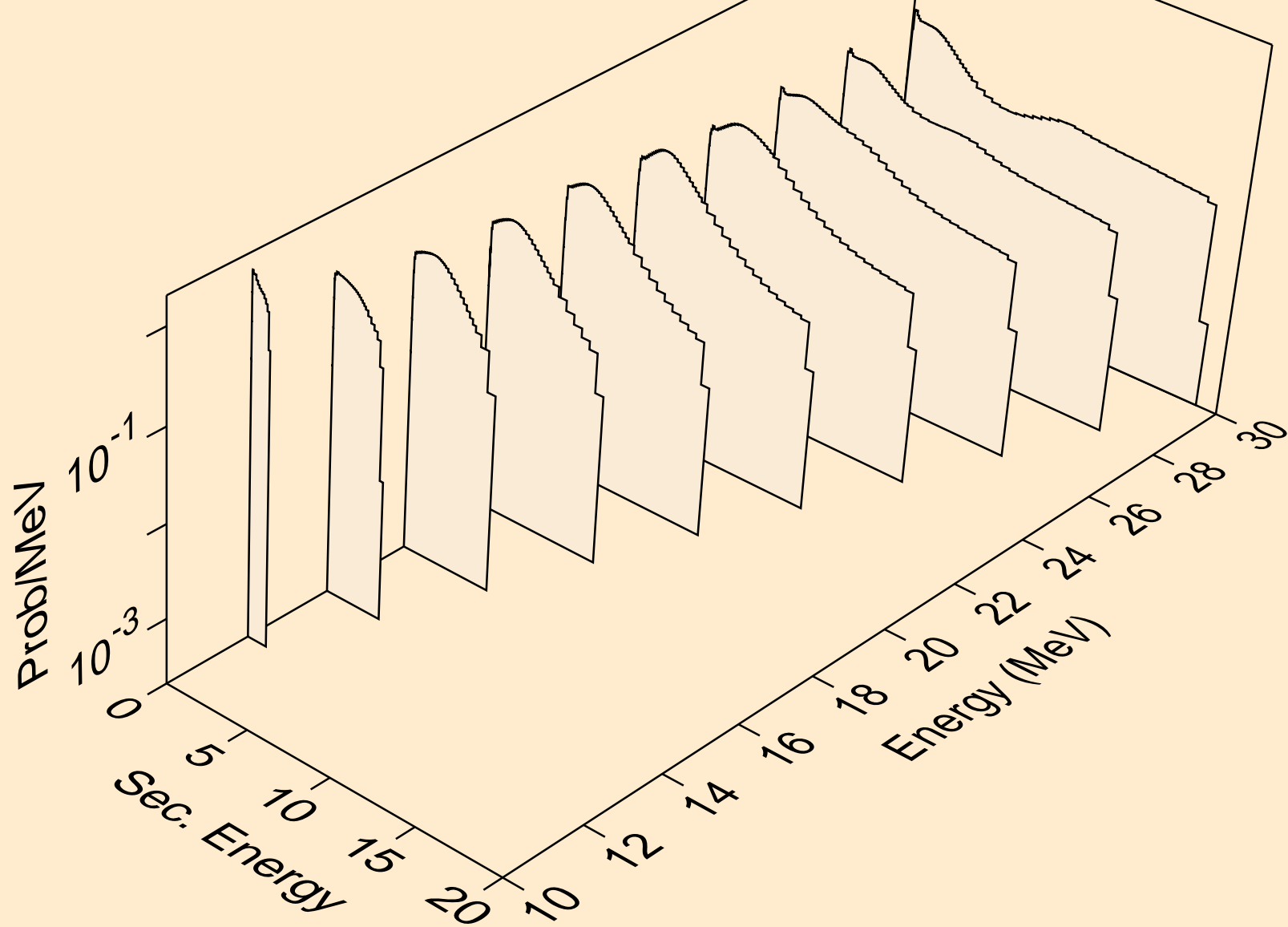




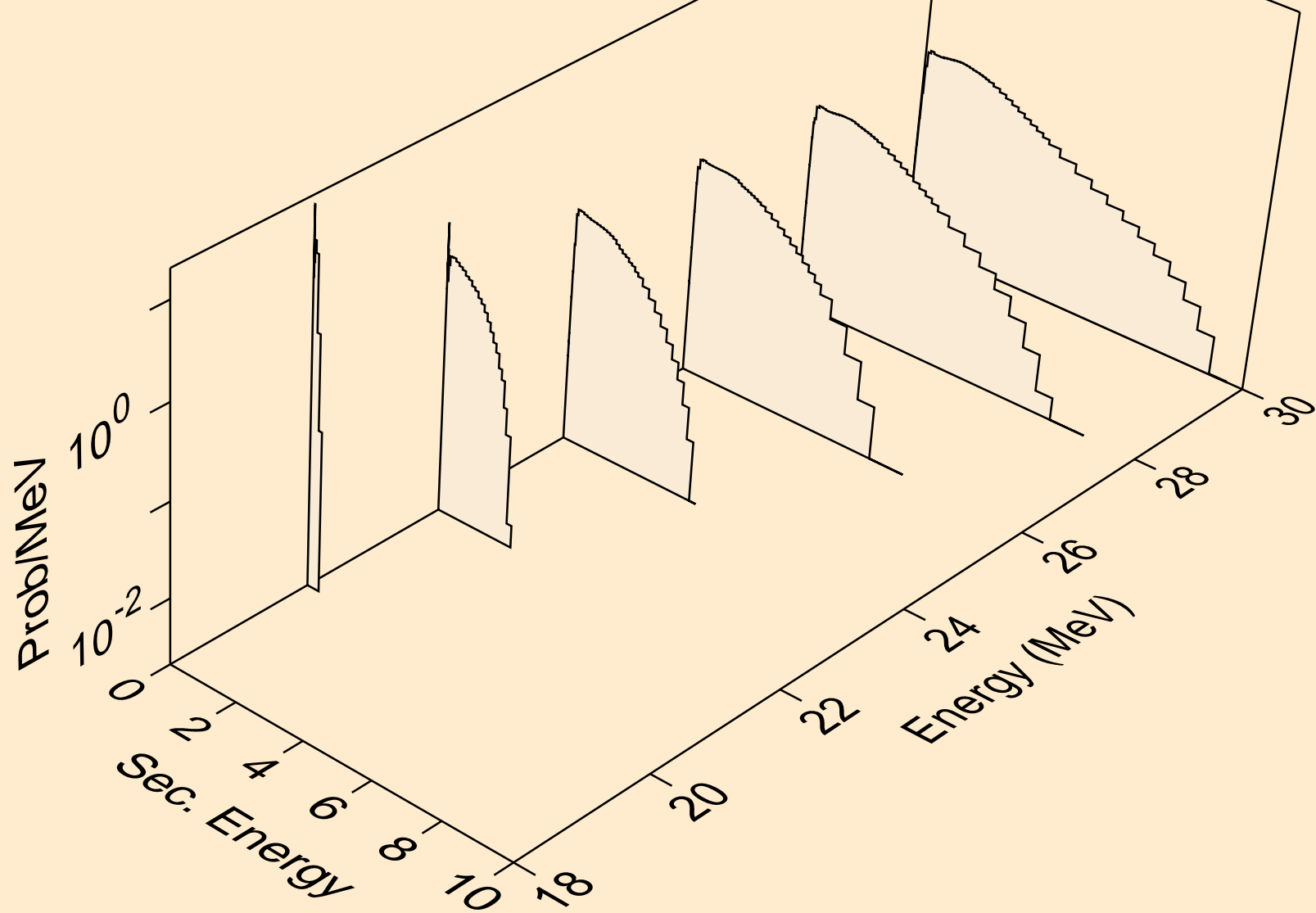
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



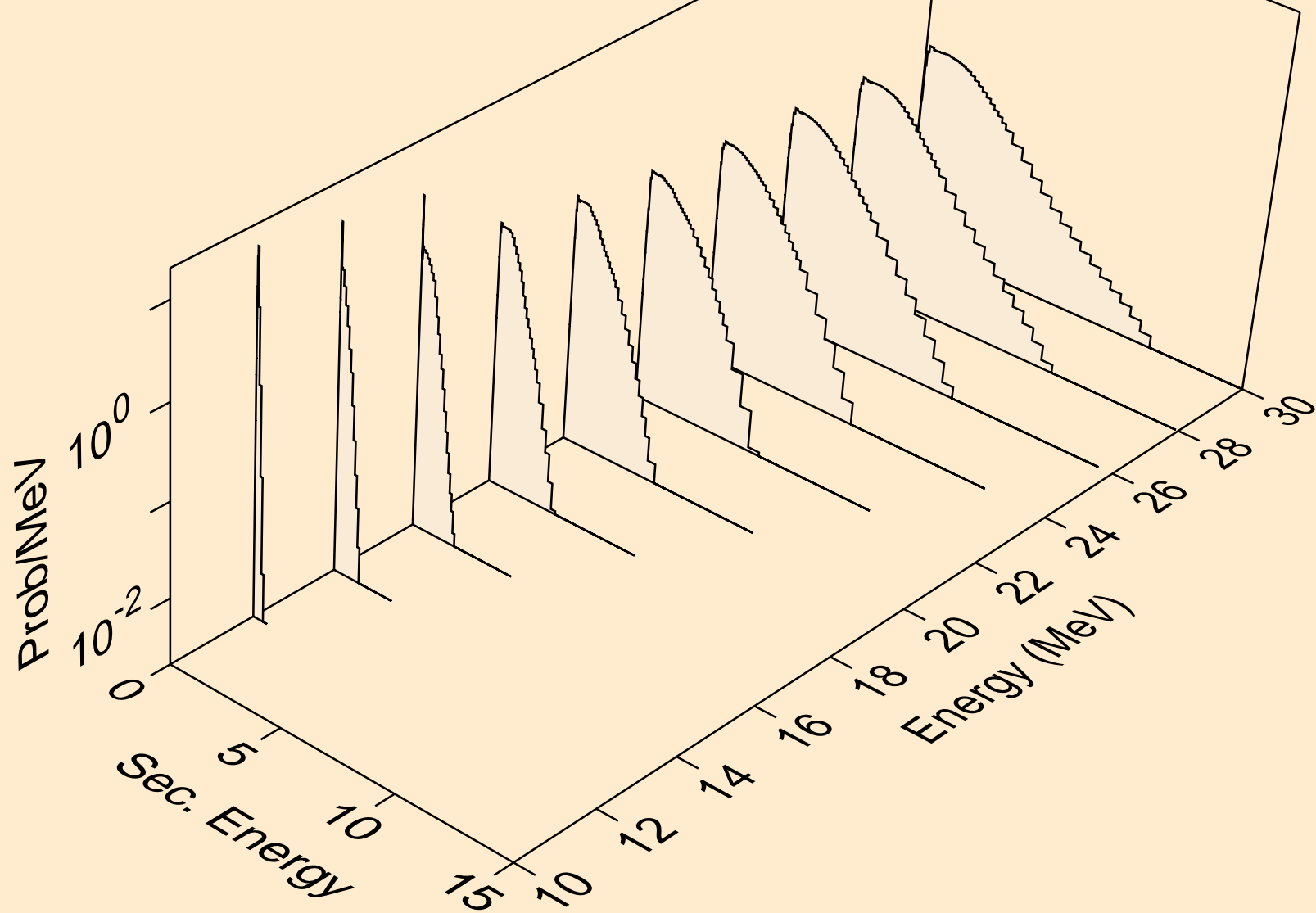
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



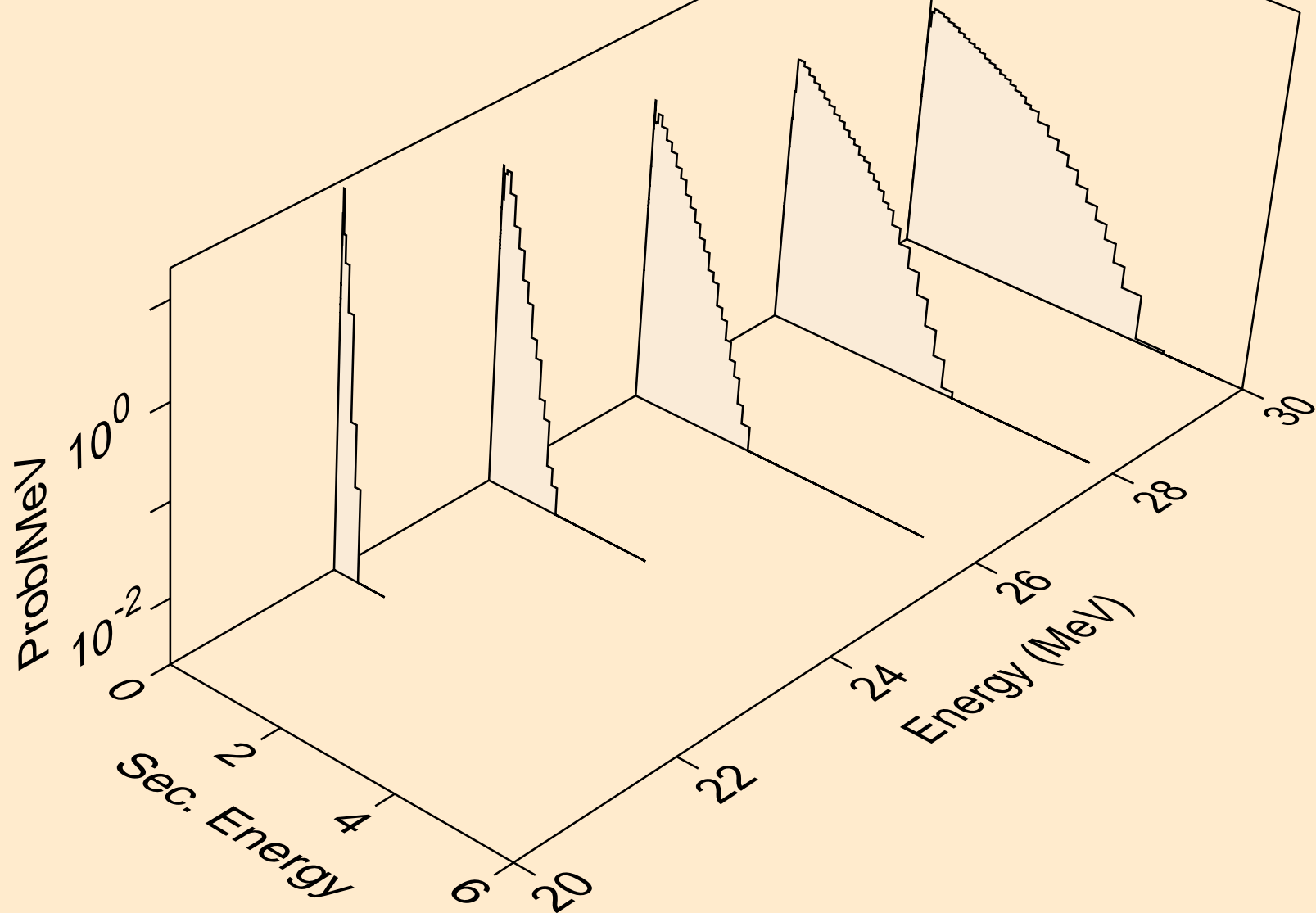
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



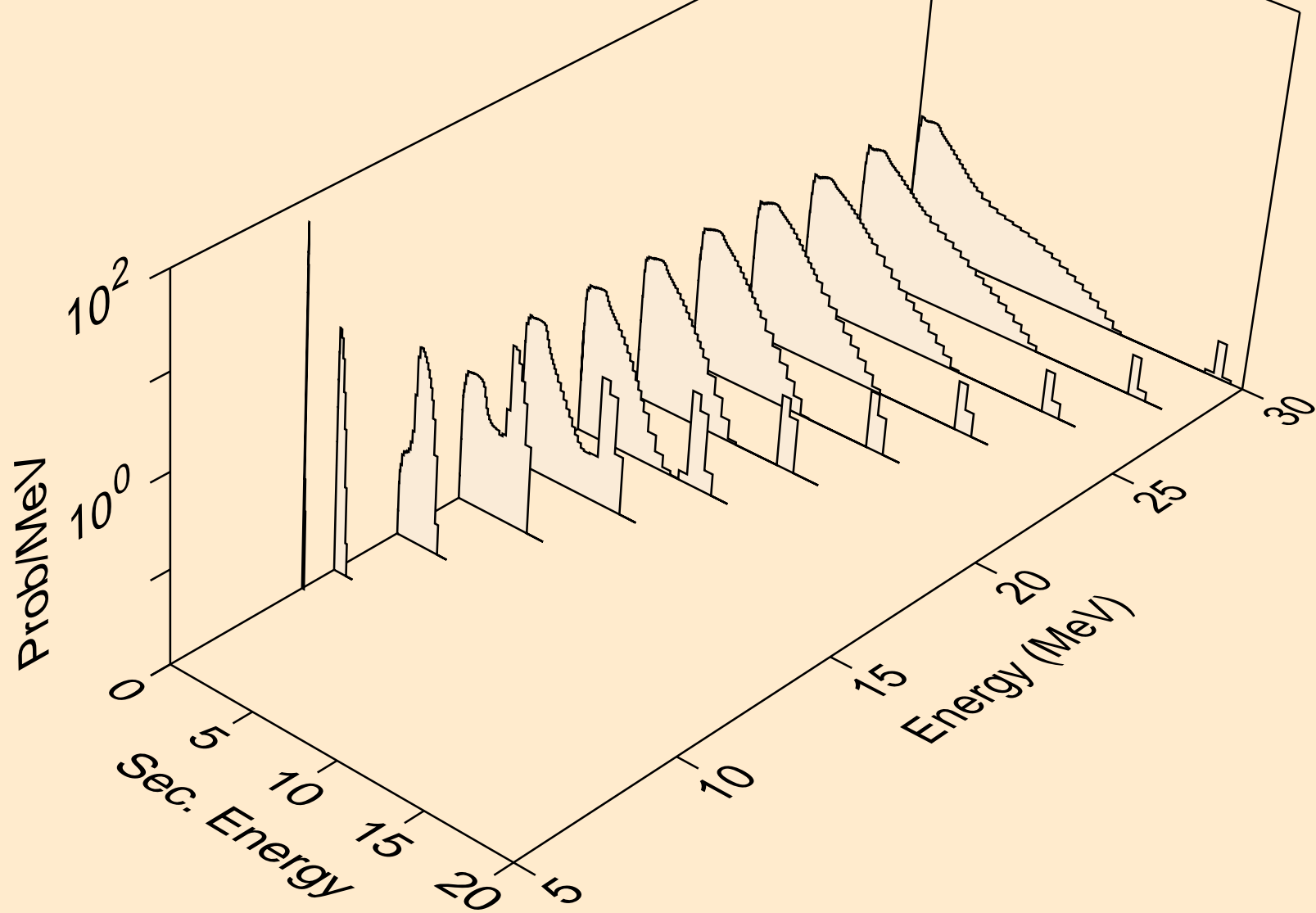
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



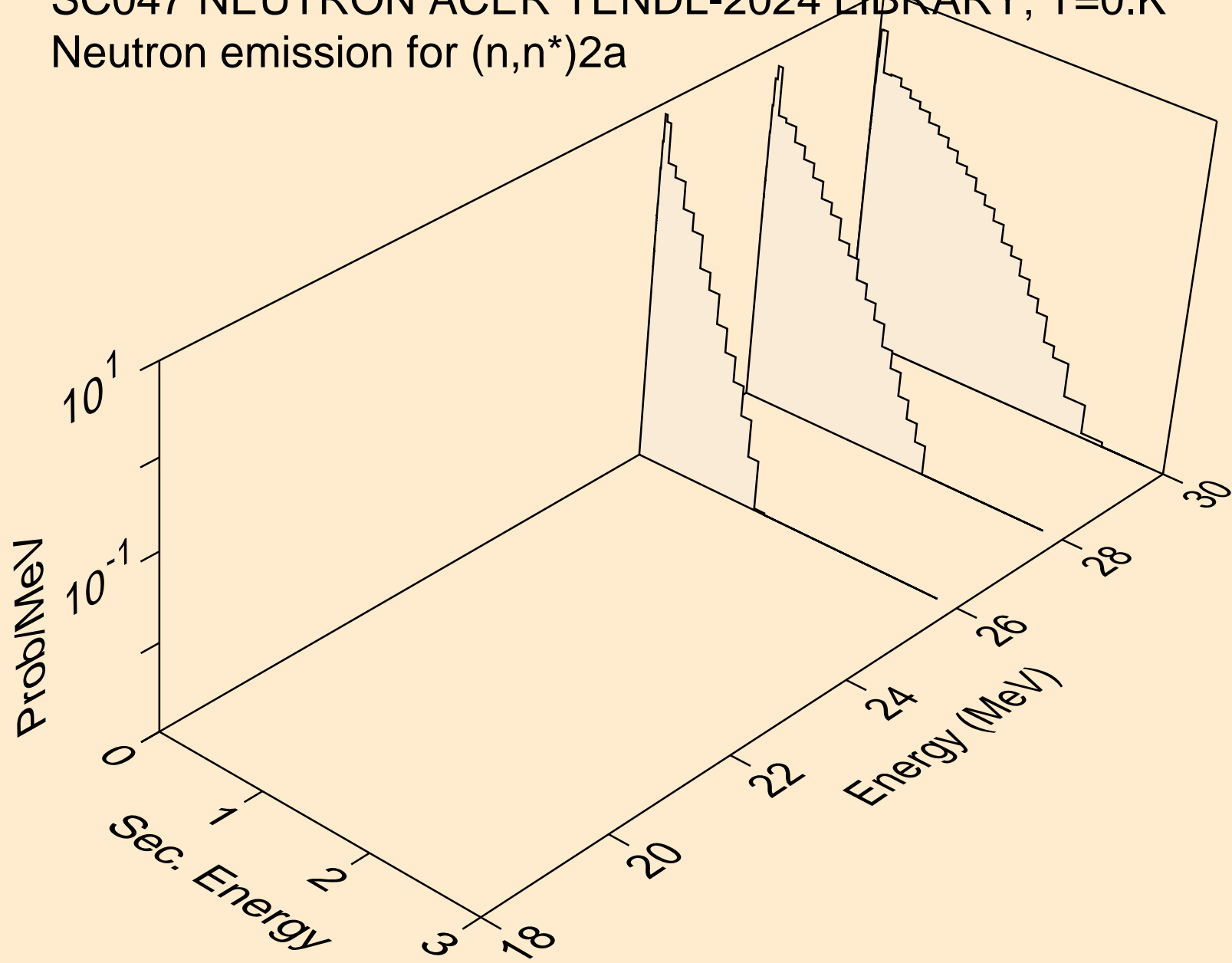
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



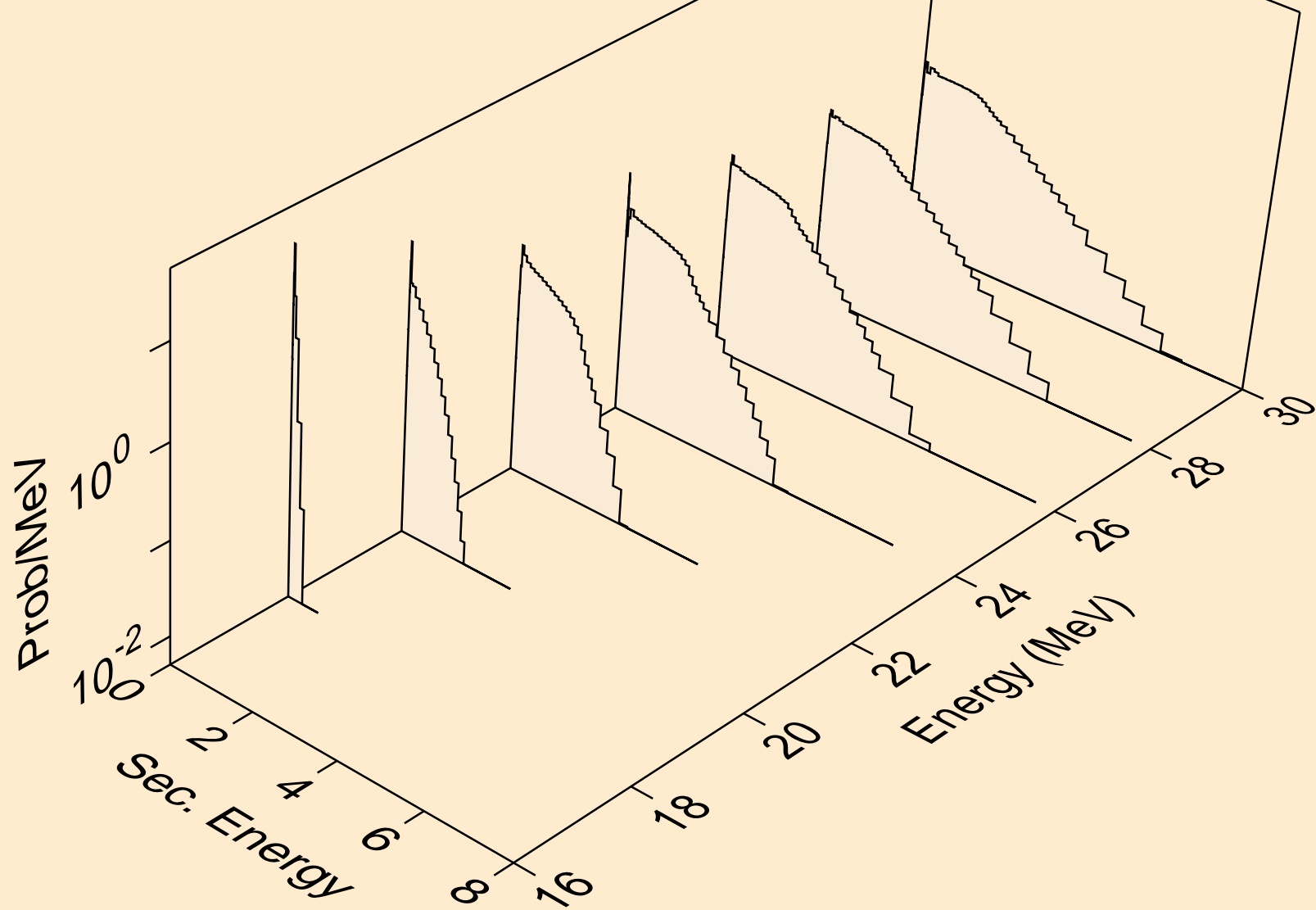
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

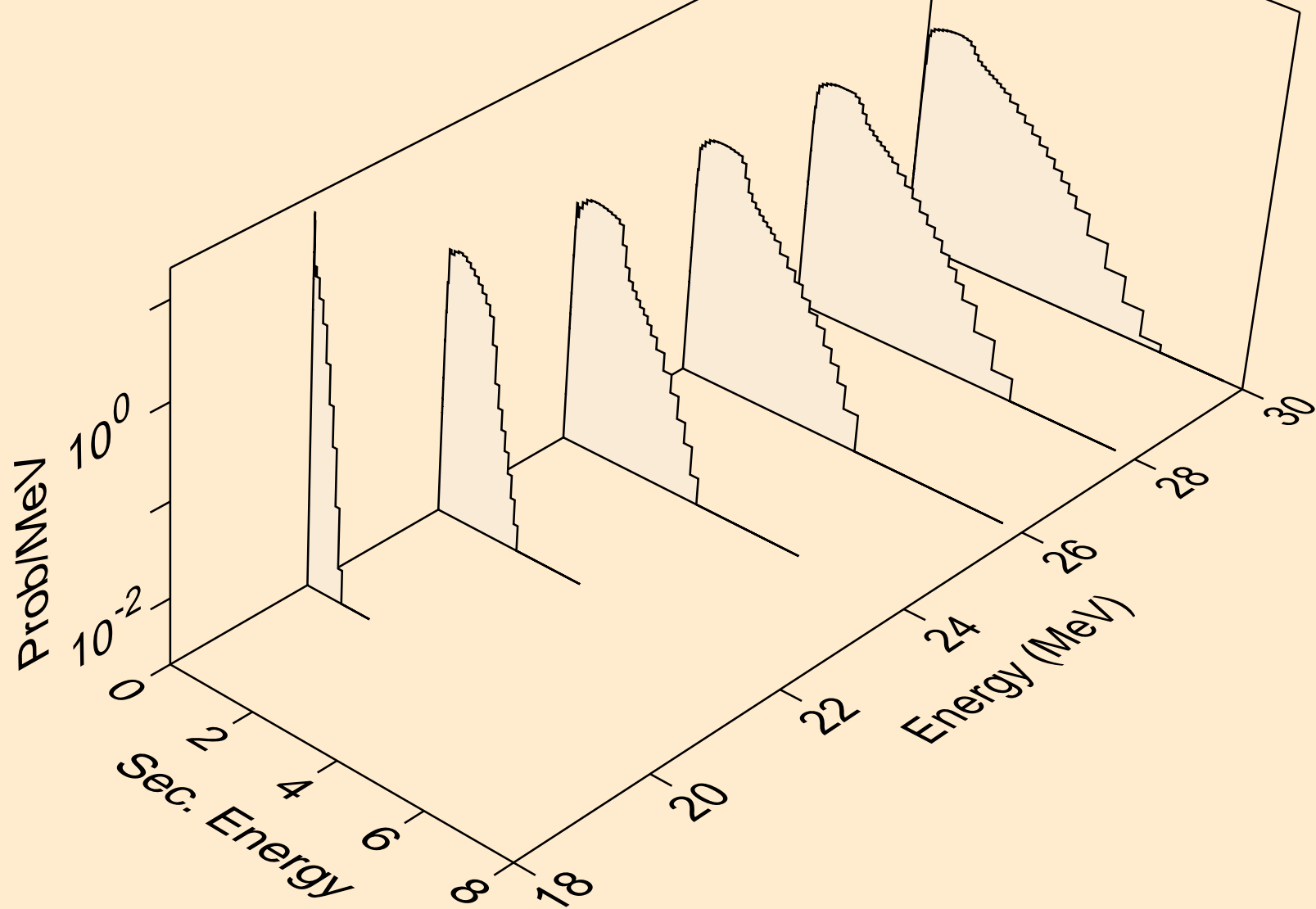


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

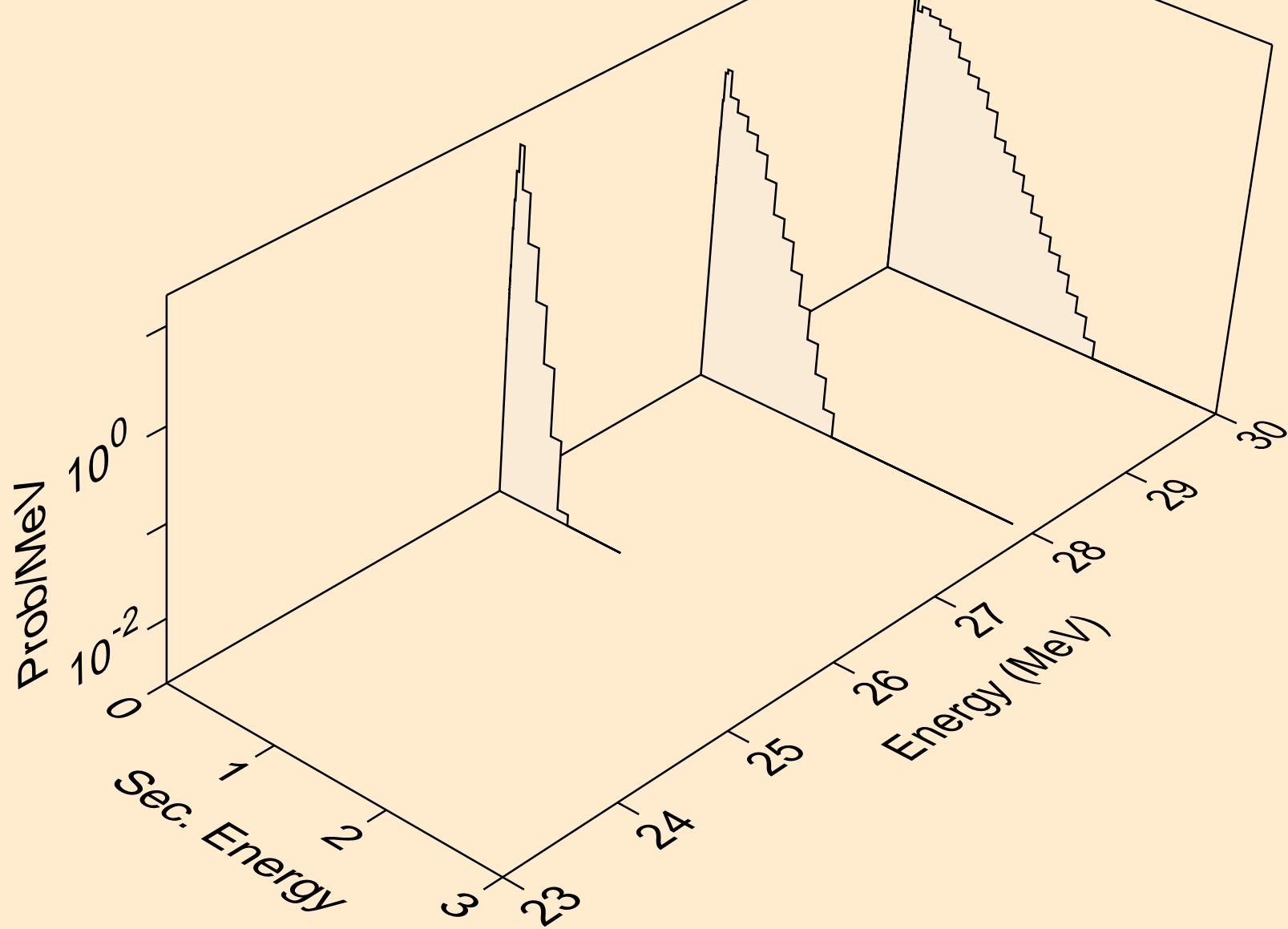




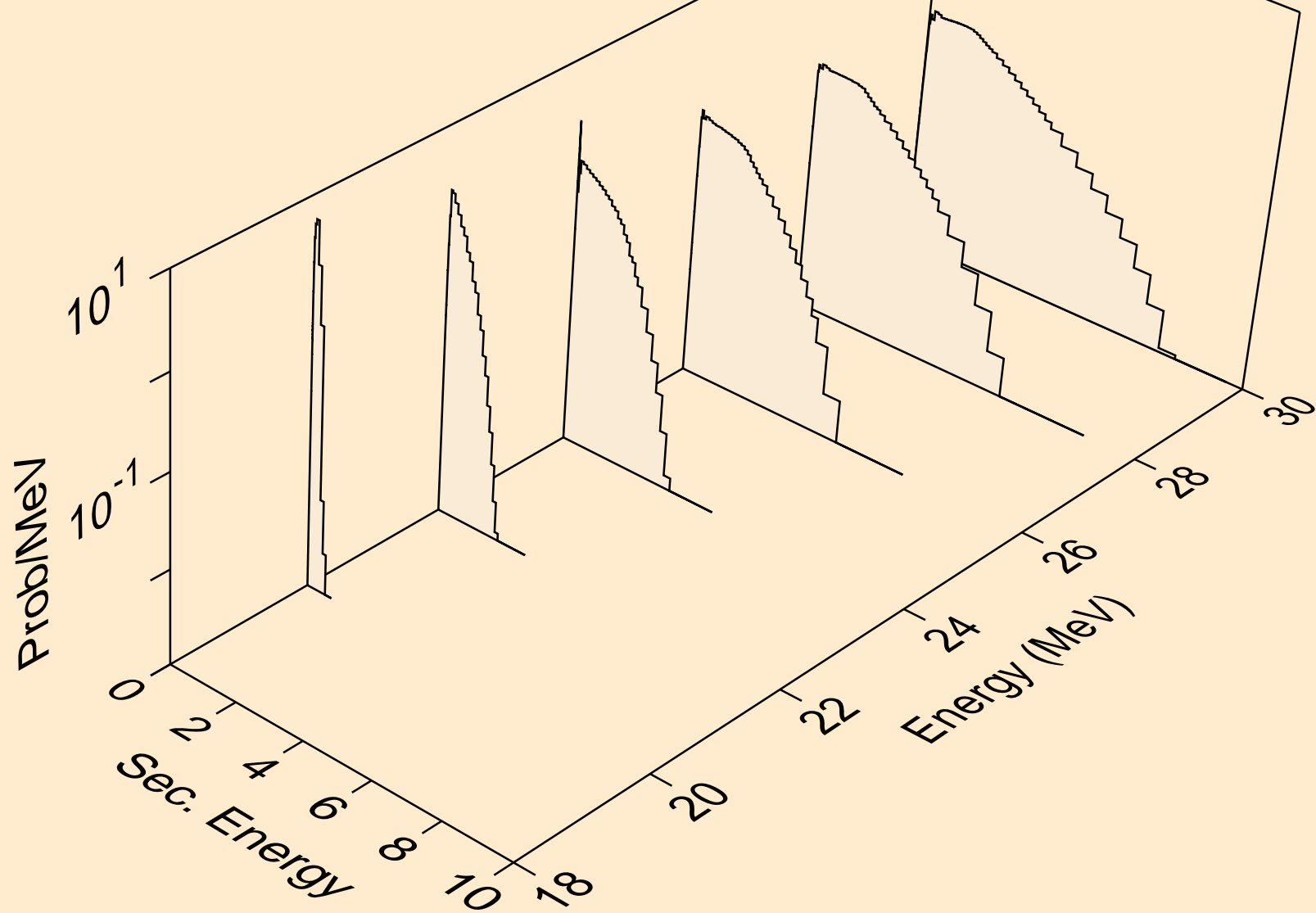
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



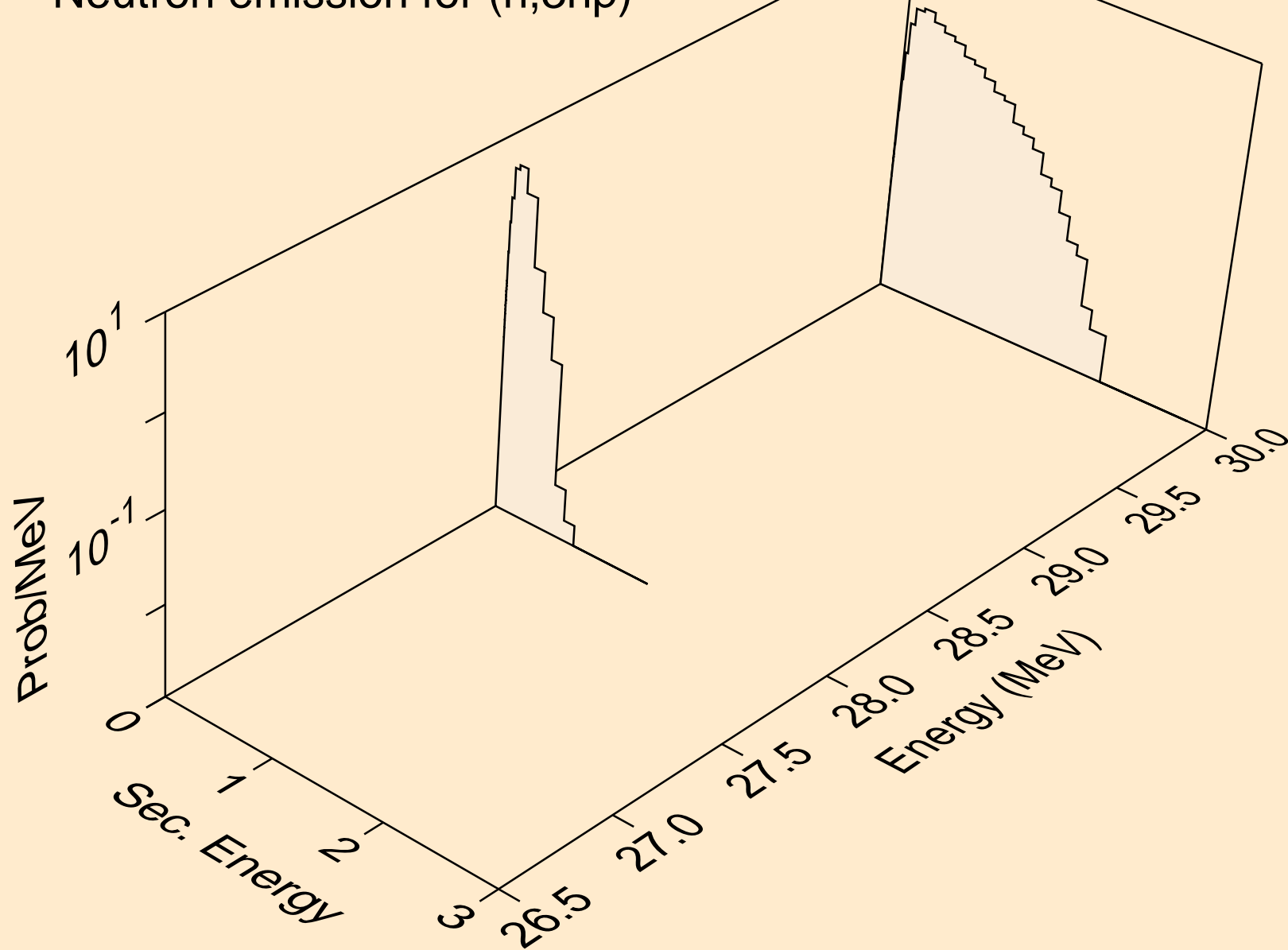
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



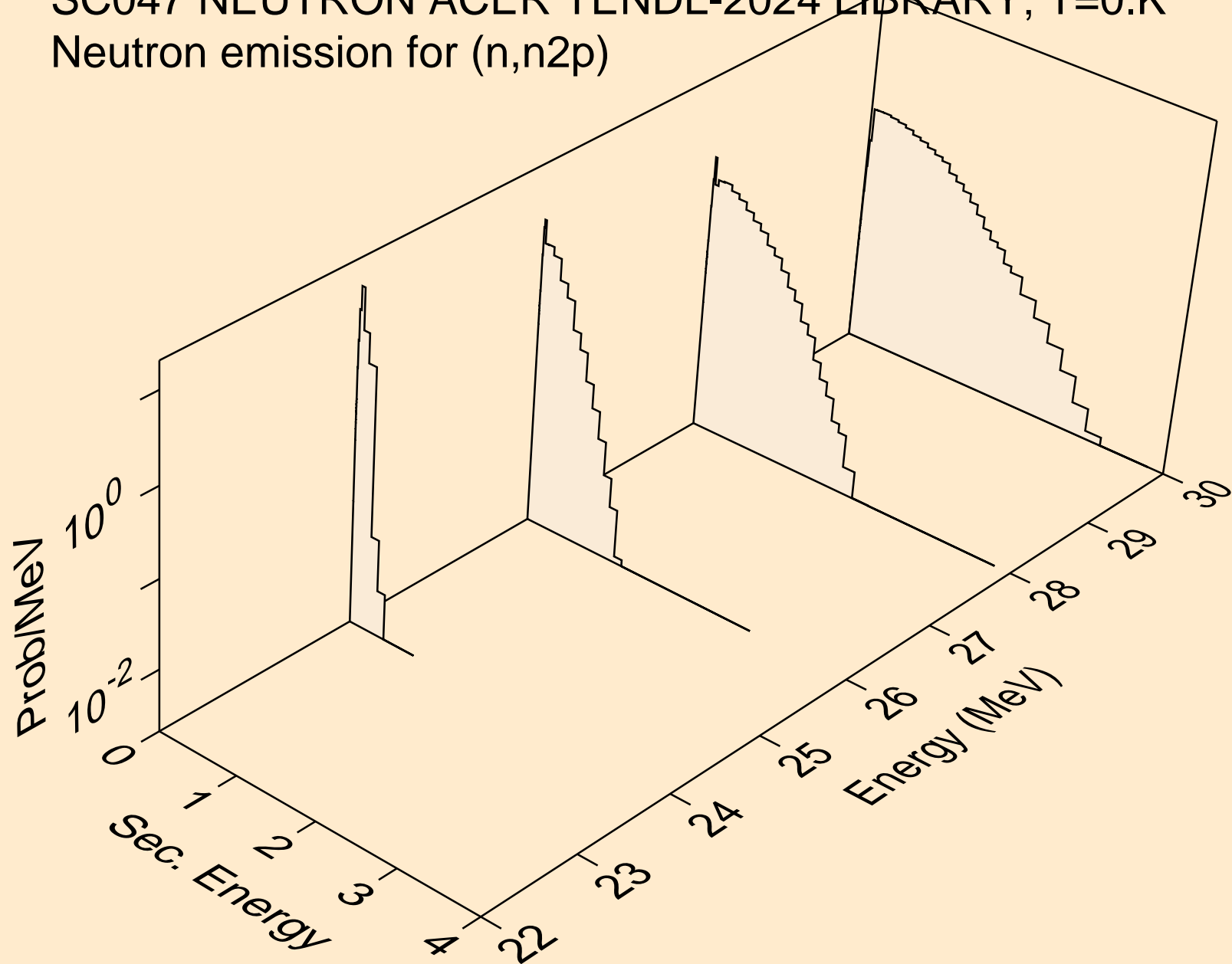
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



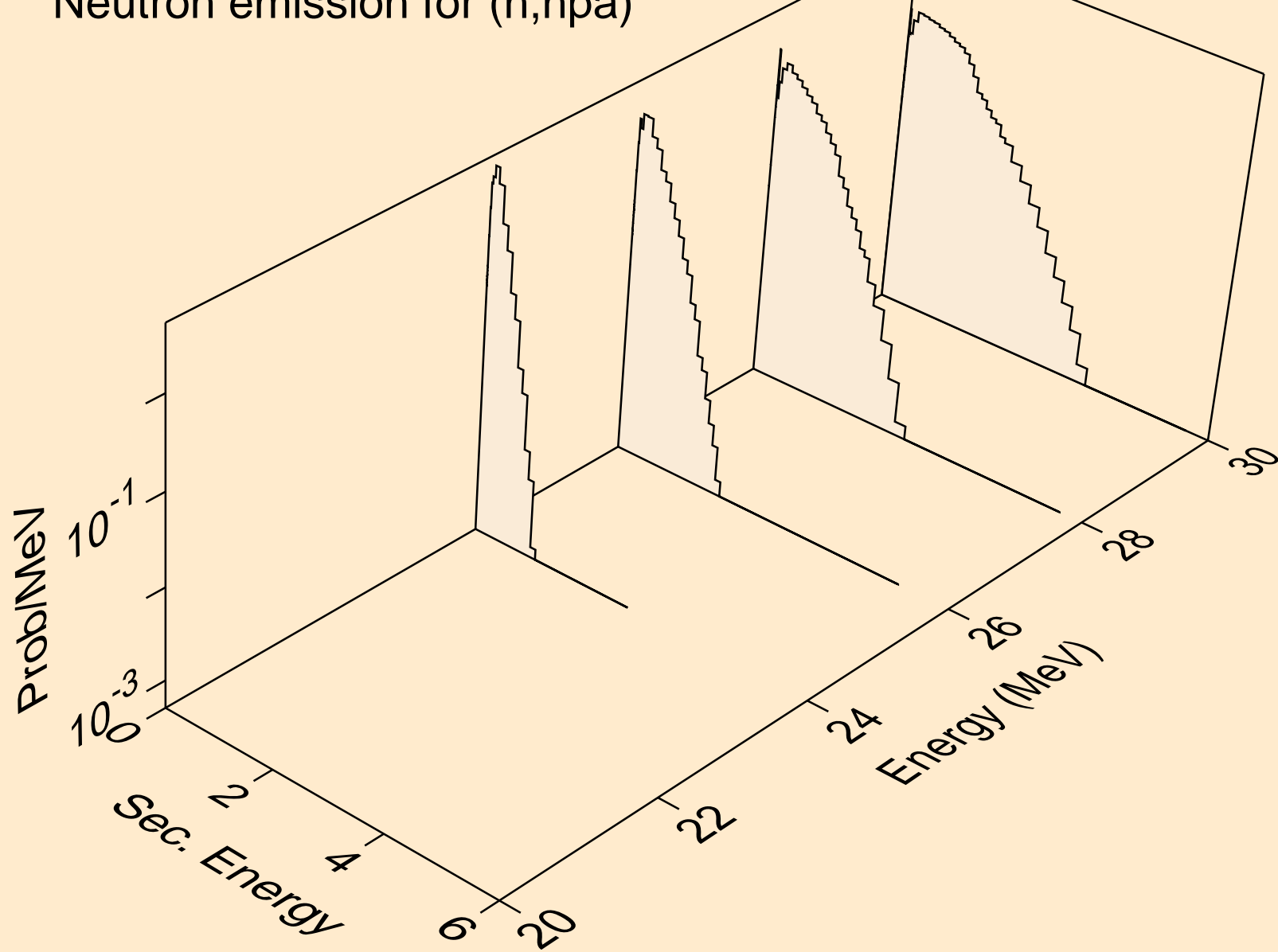
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



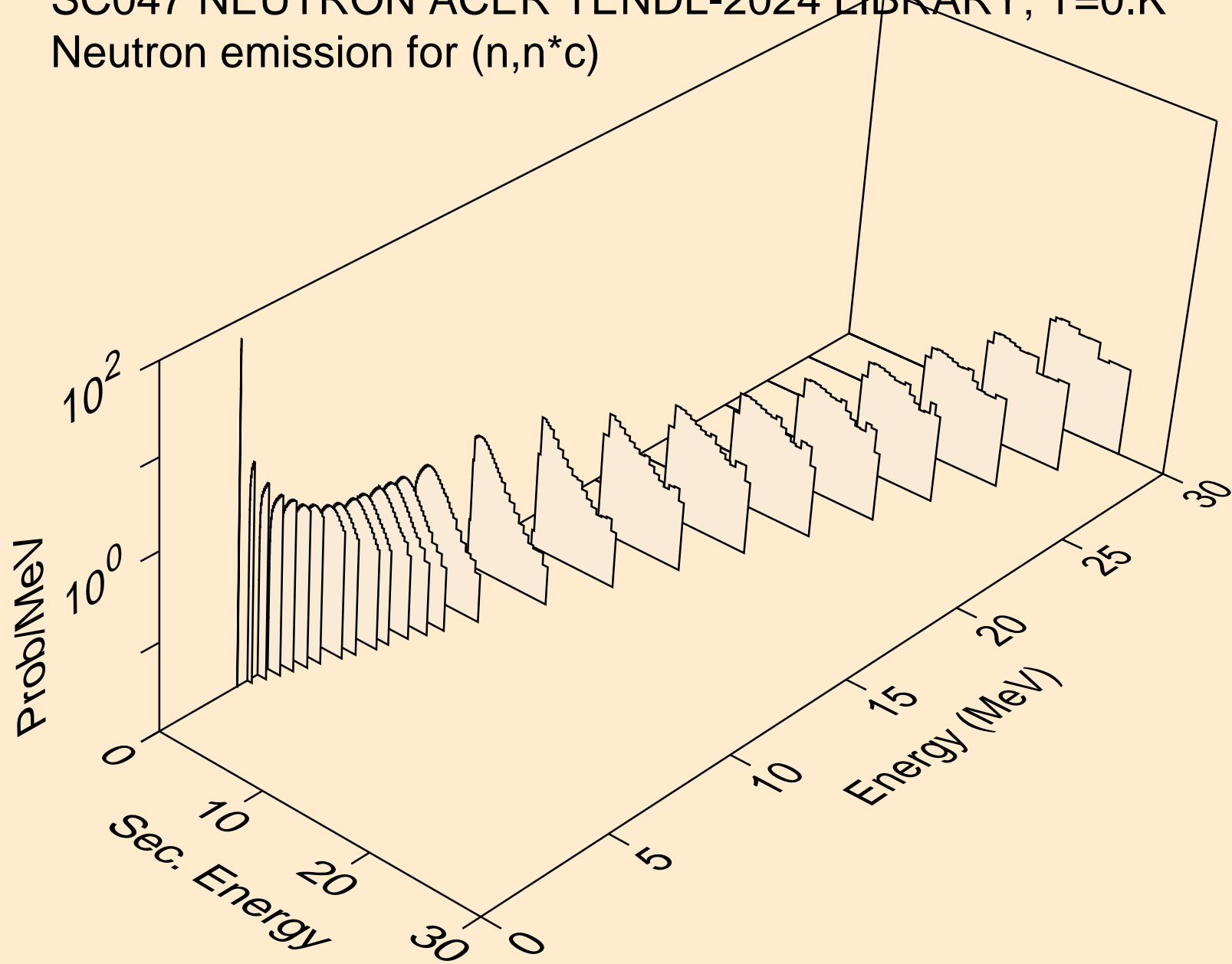
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



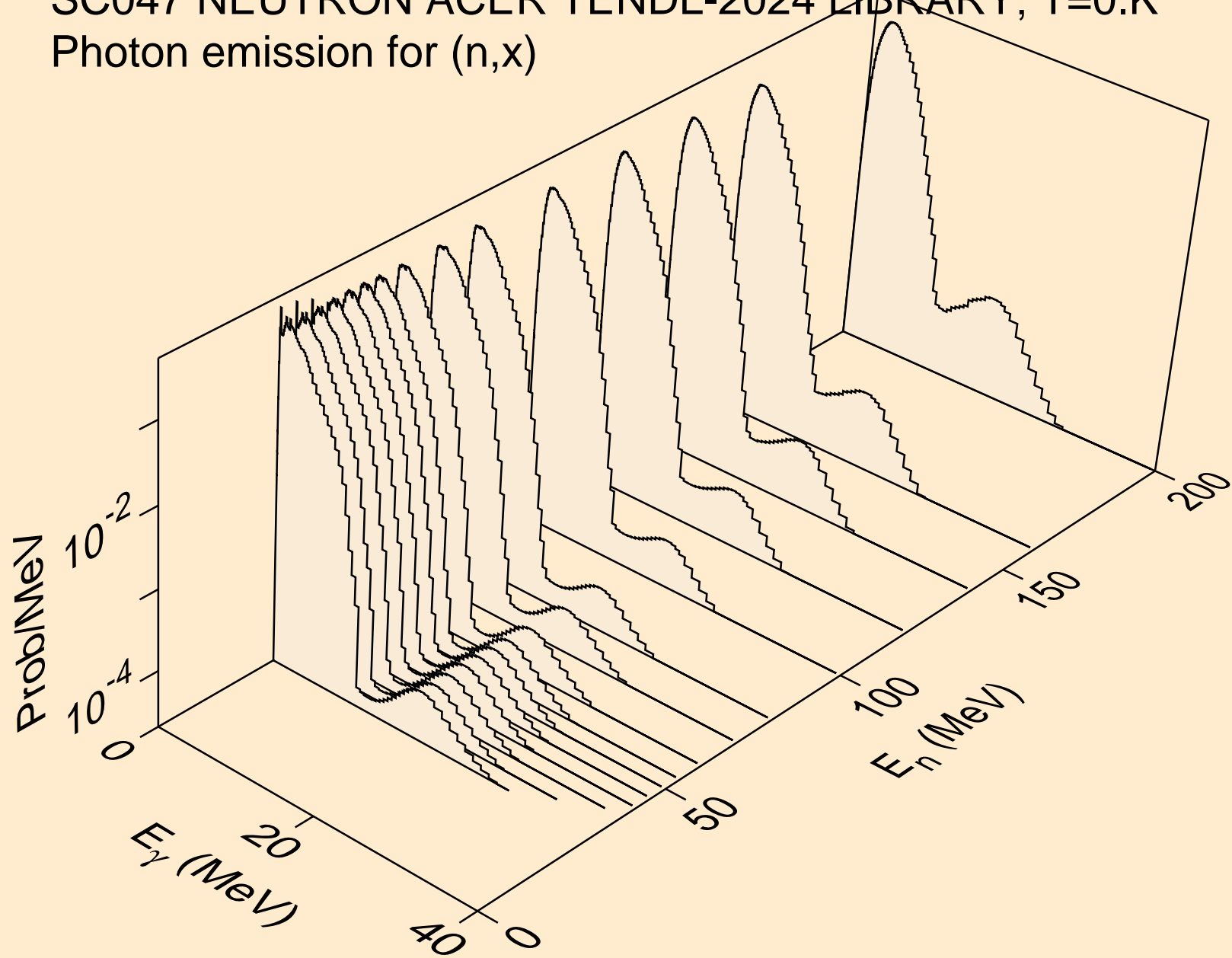
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

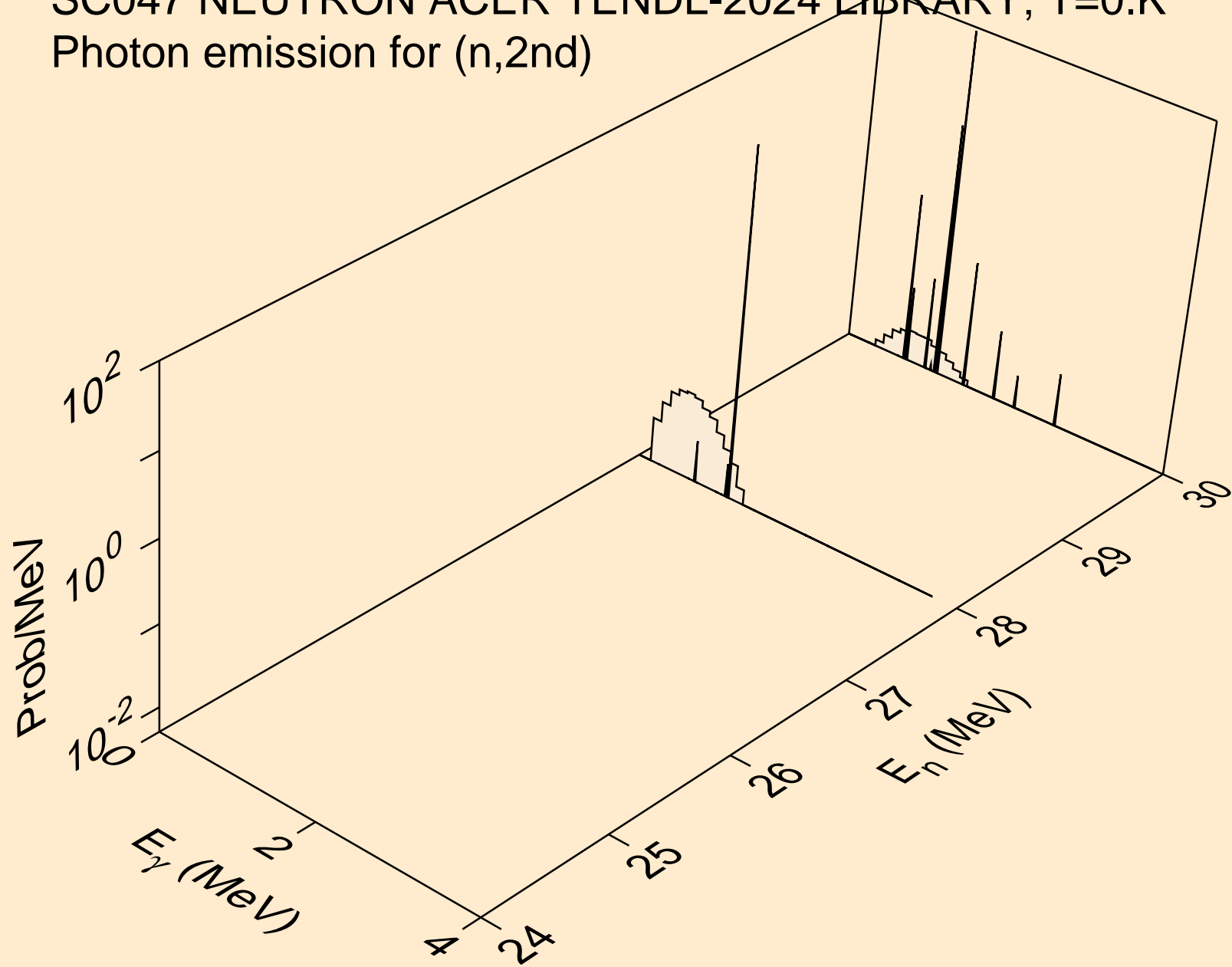


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

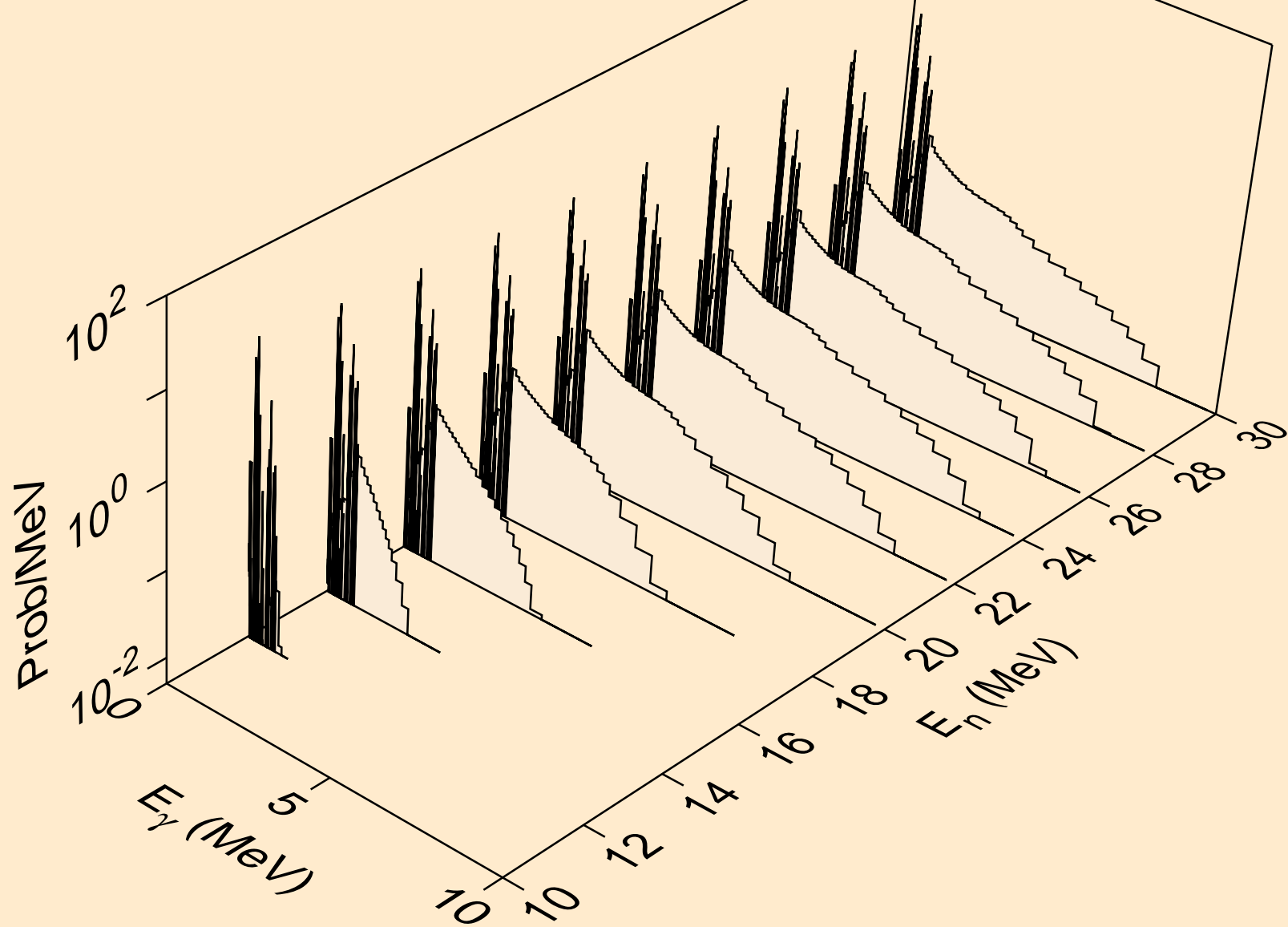




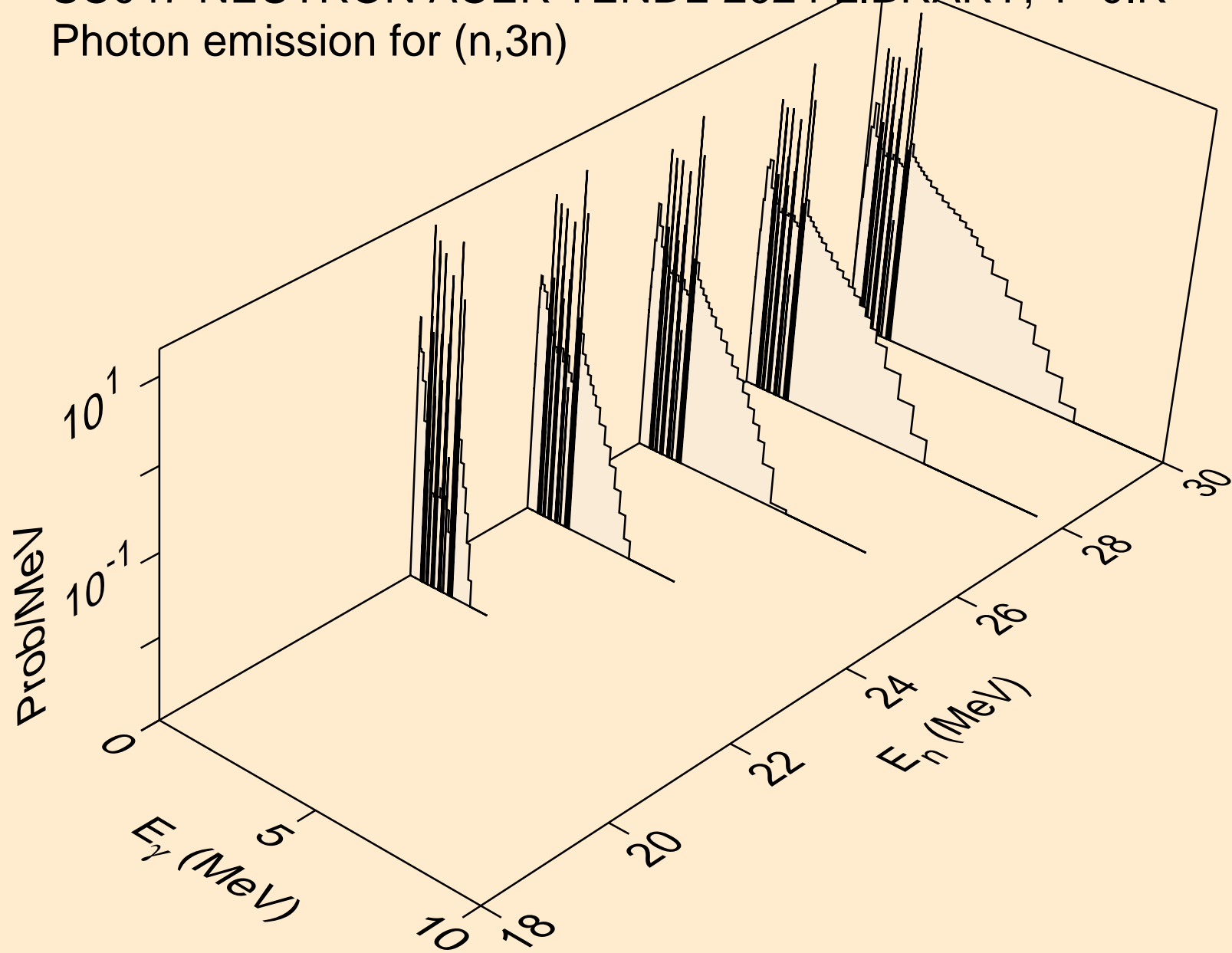
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Photon emission for (n,2nd)



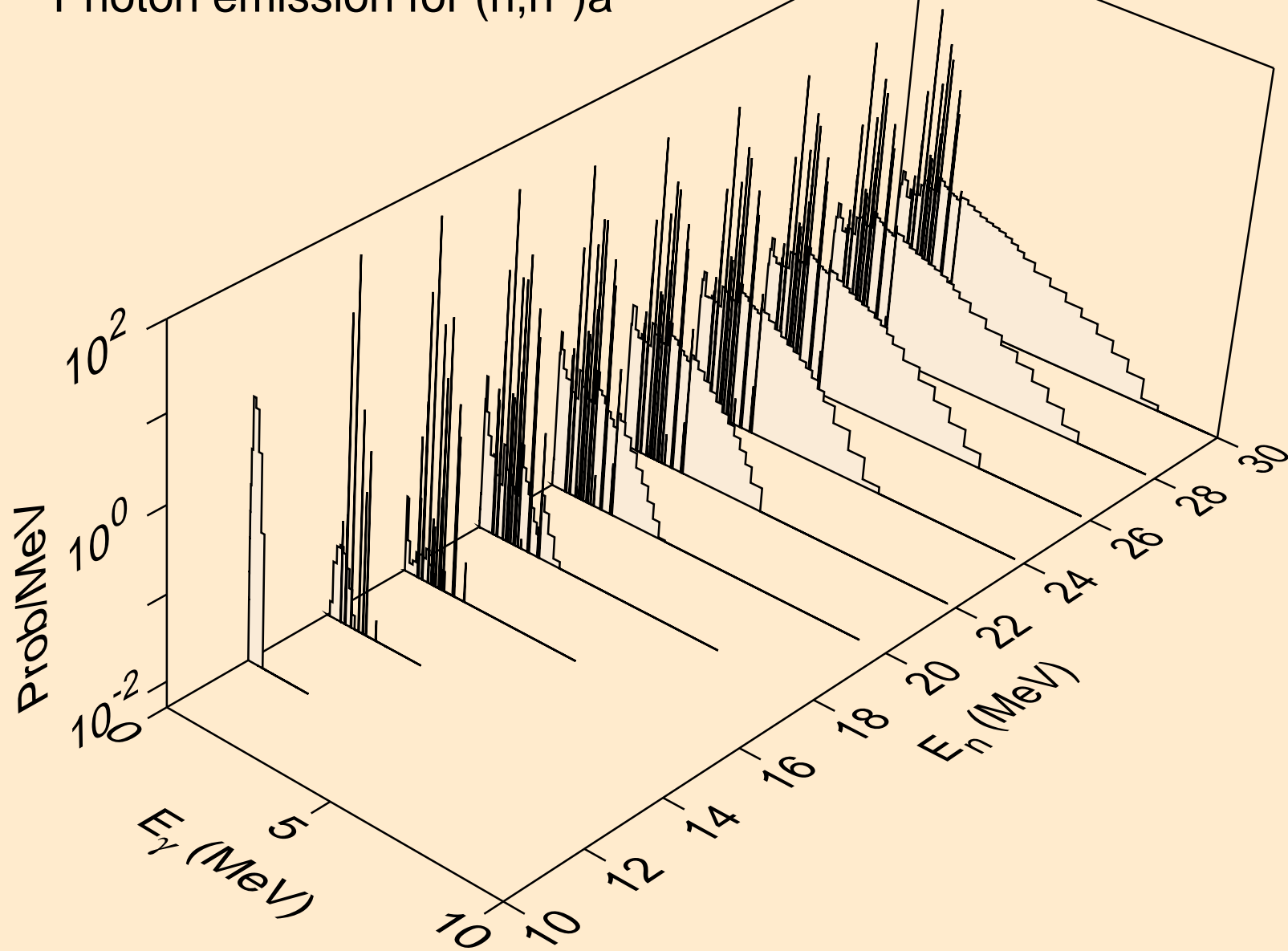
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Photon emission for (n,2n)



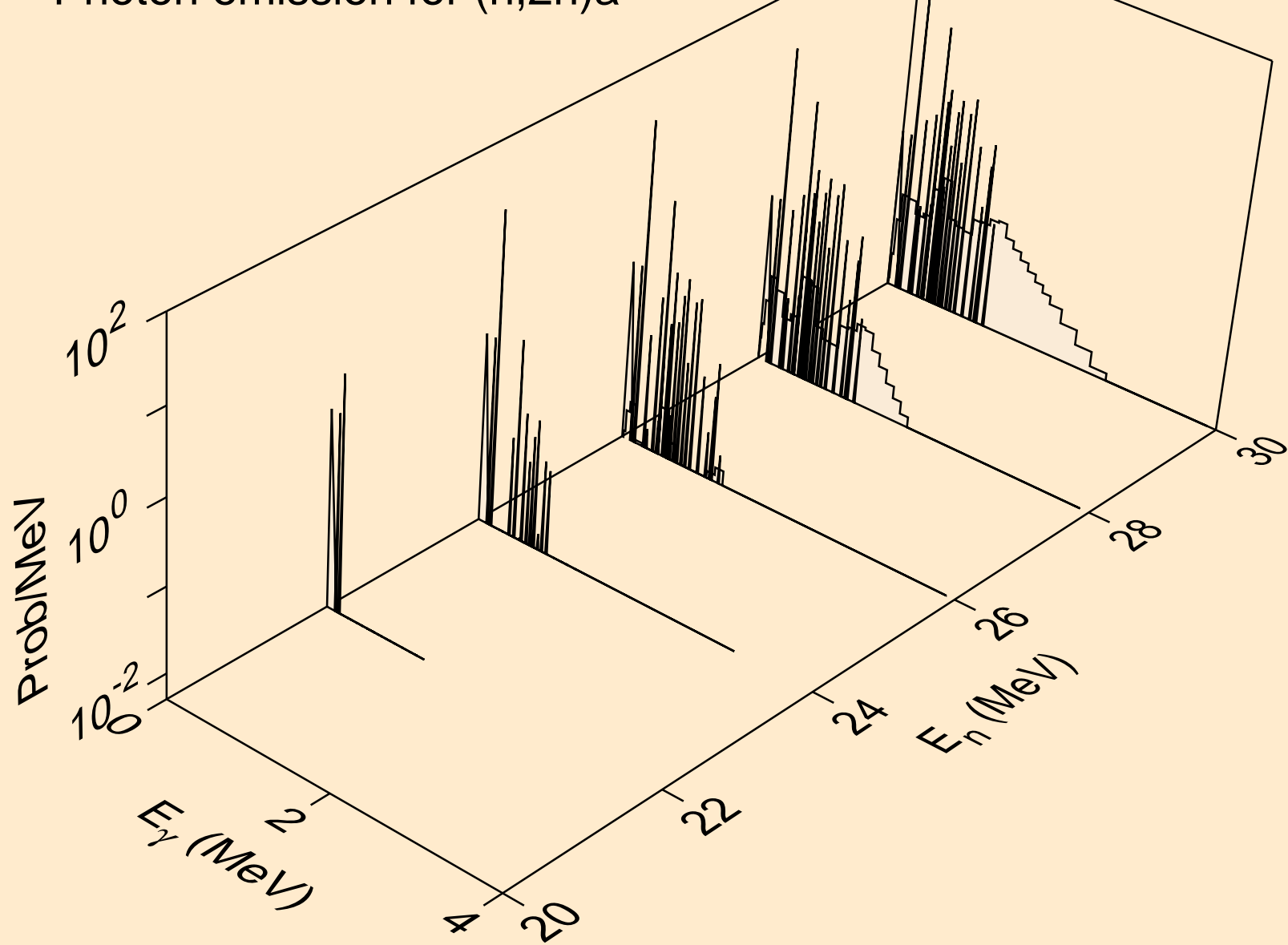
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Photon emission for (n,3n)



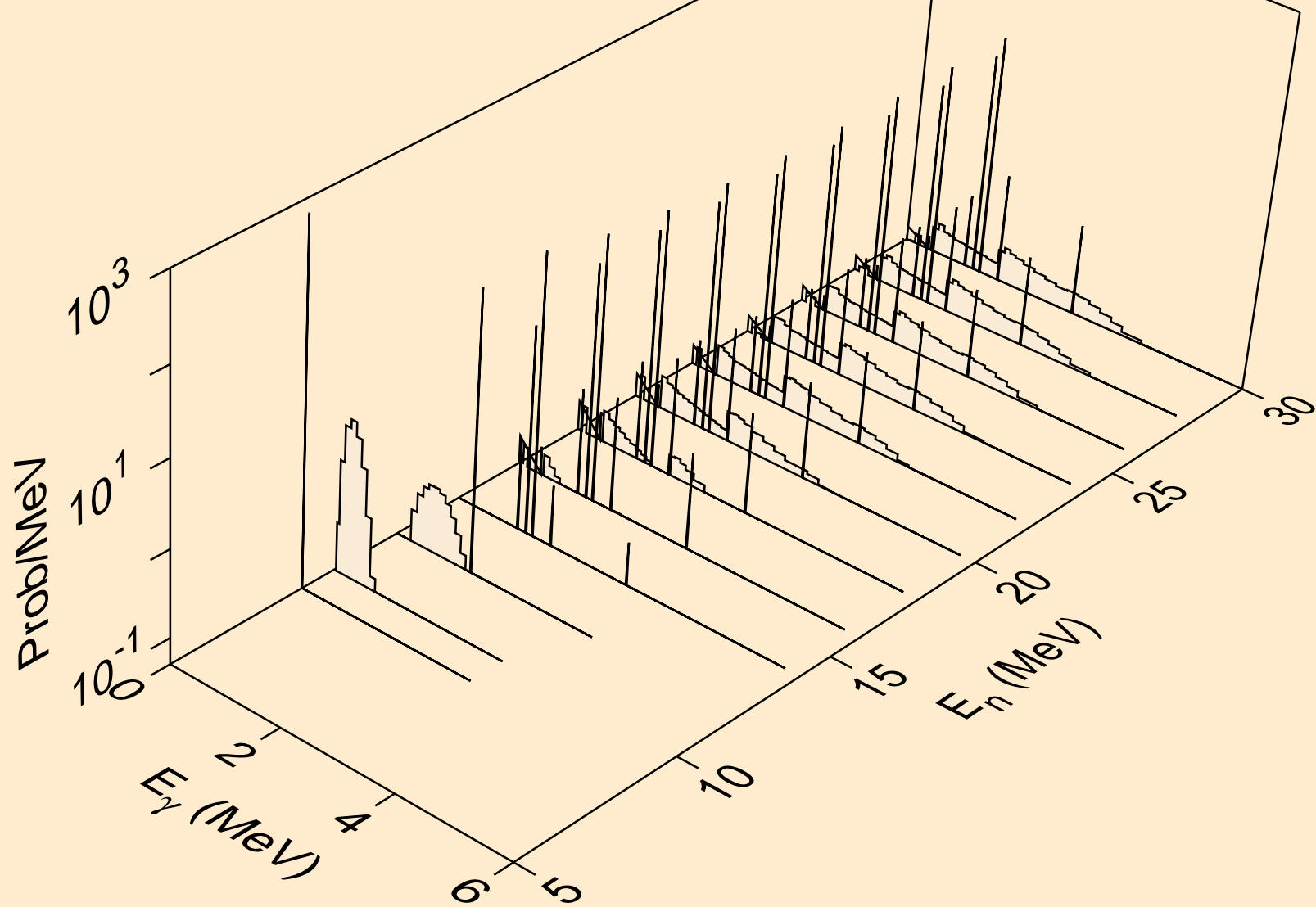
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



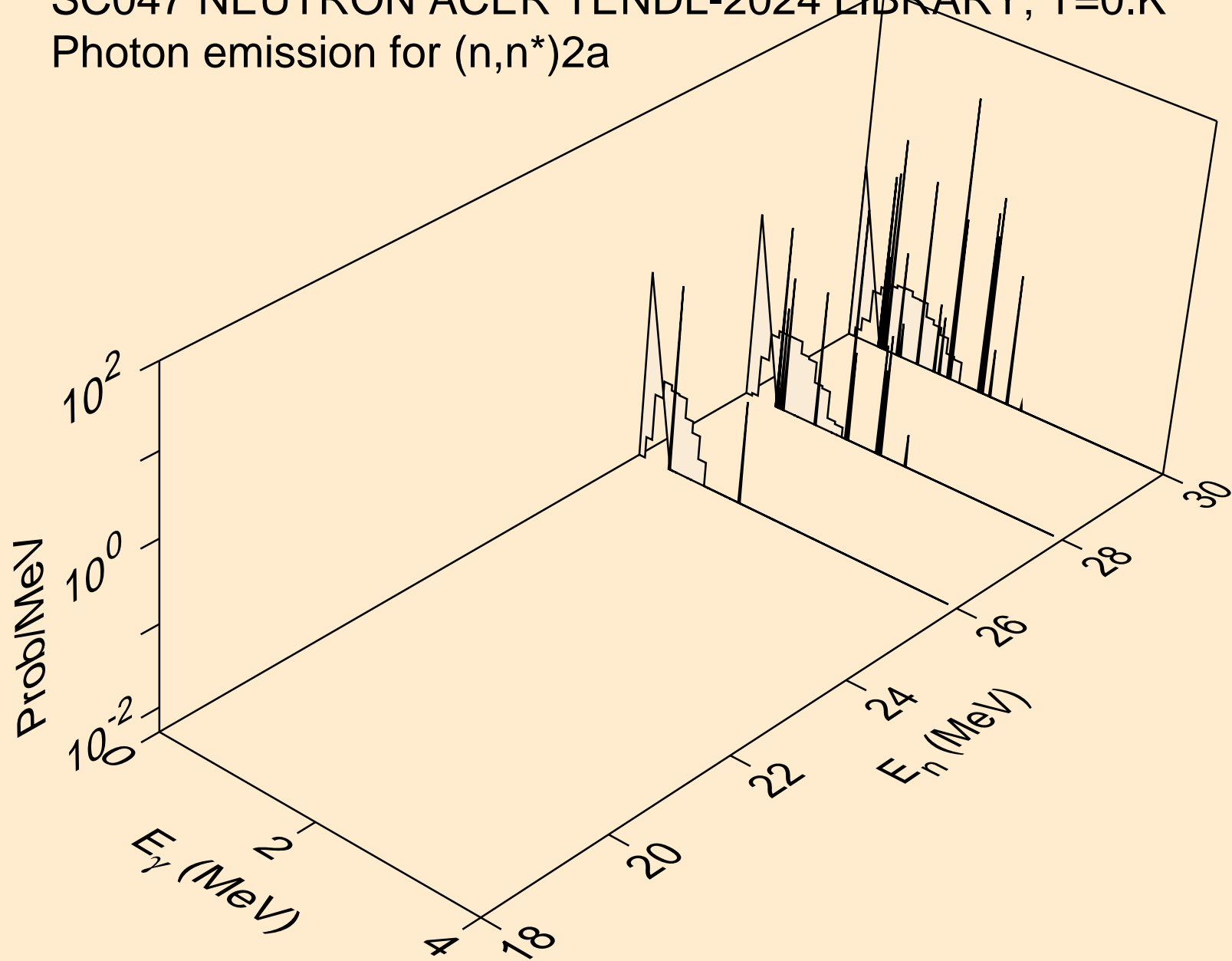
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Photon emission for (n,2n)a



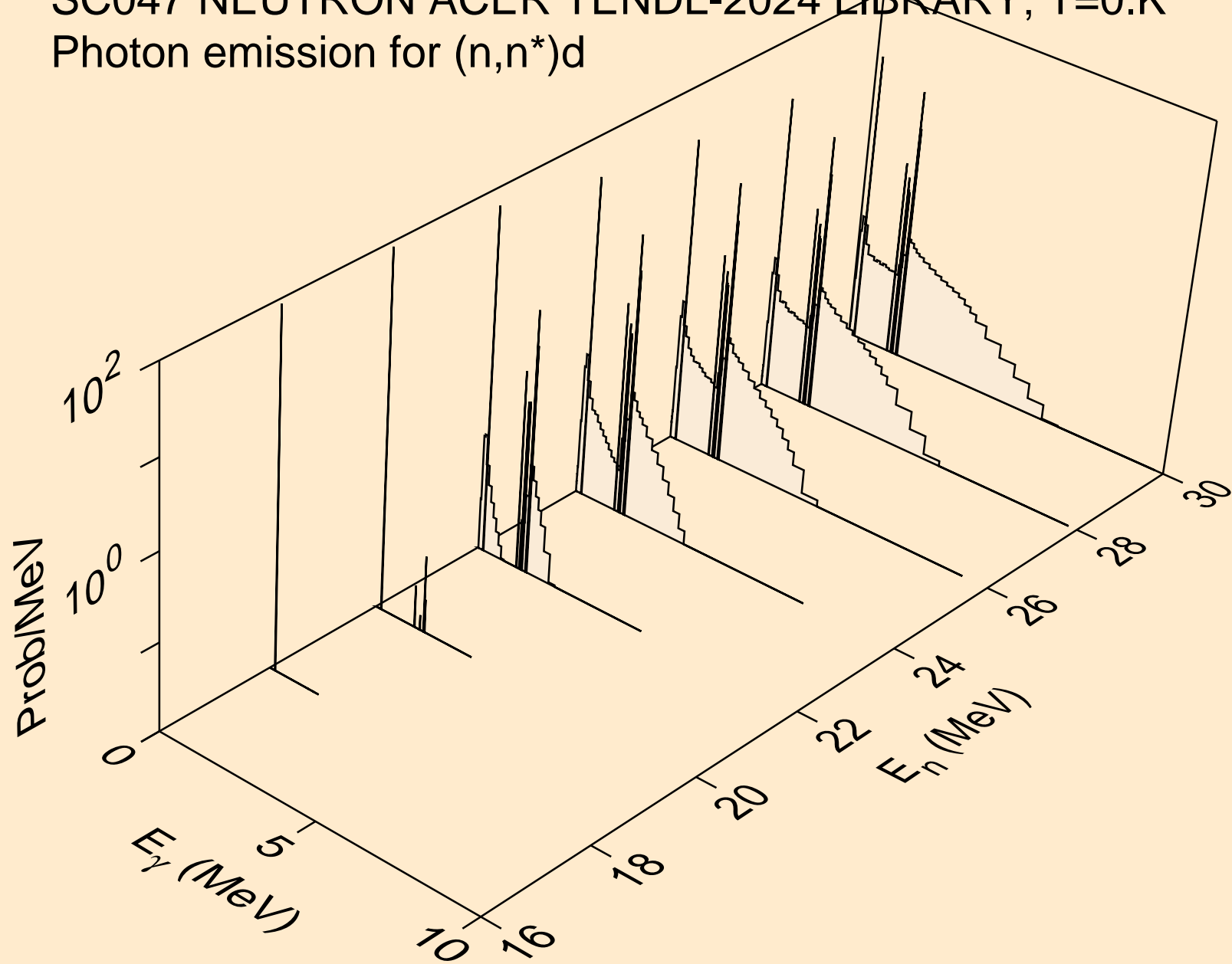
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

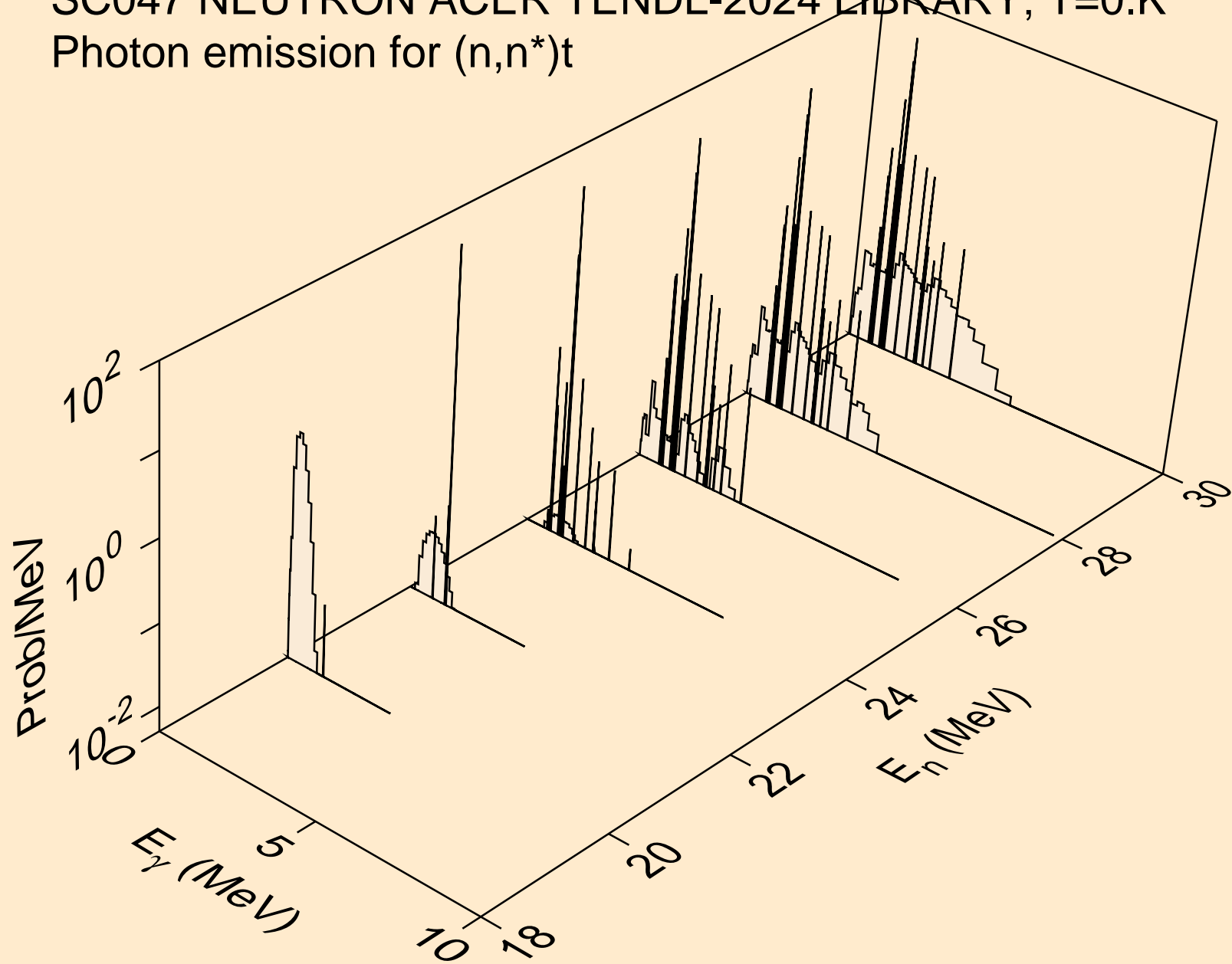


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

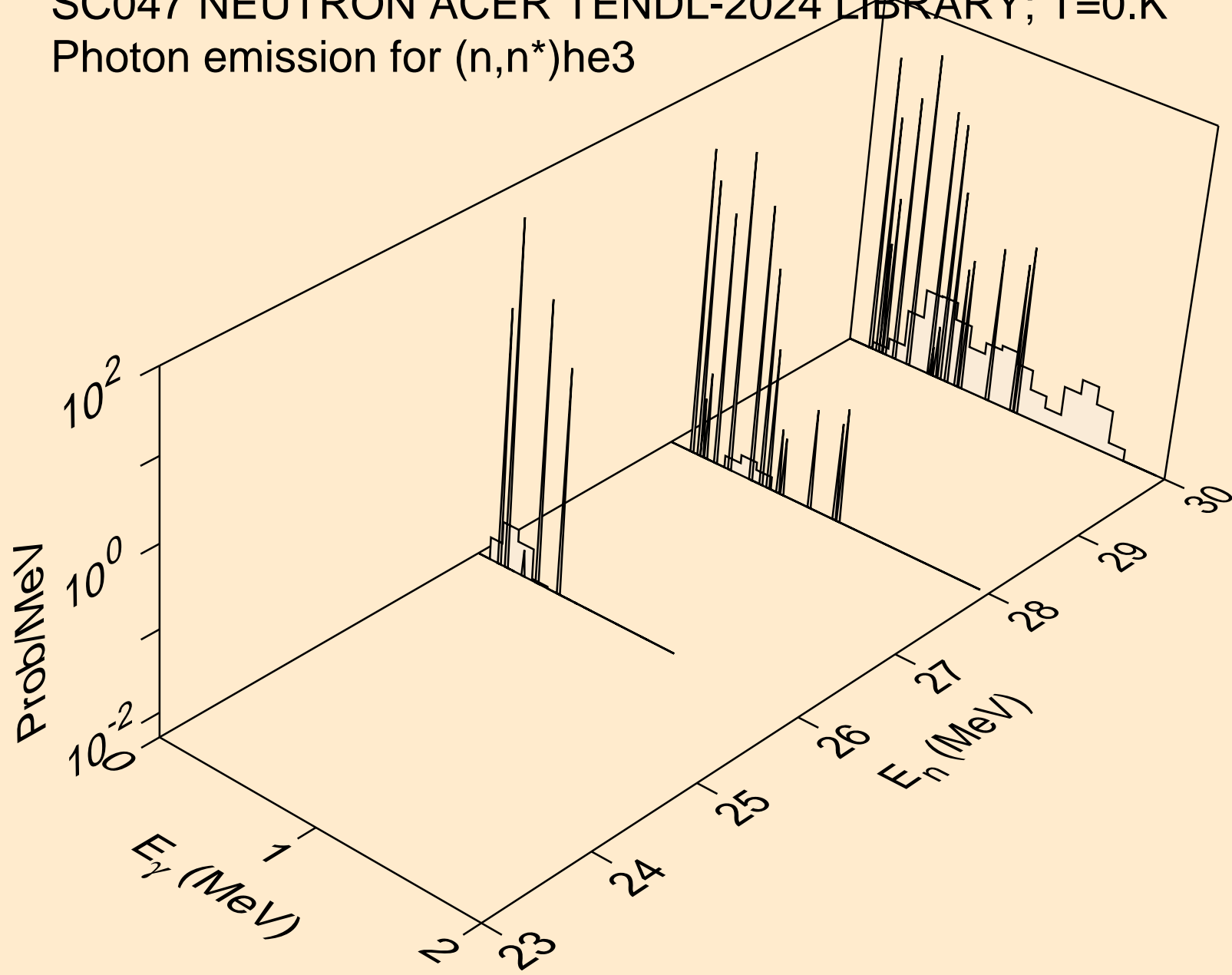




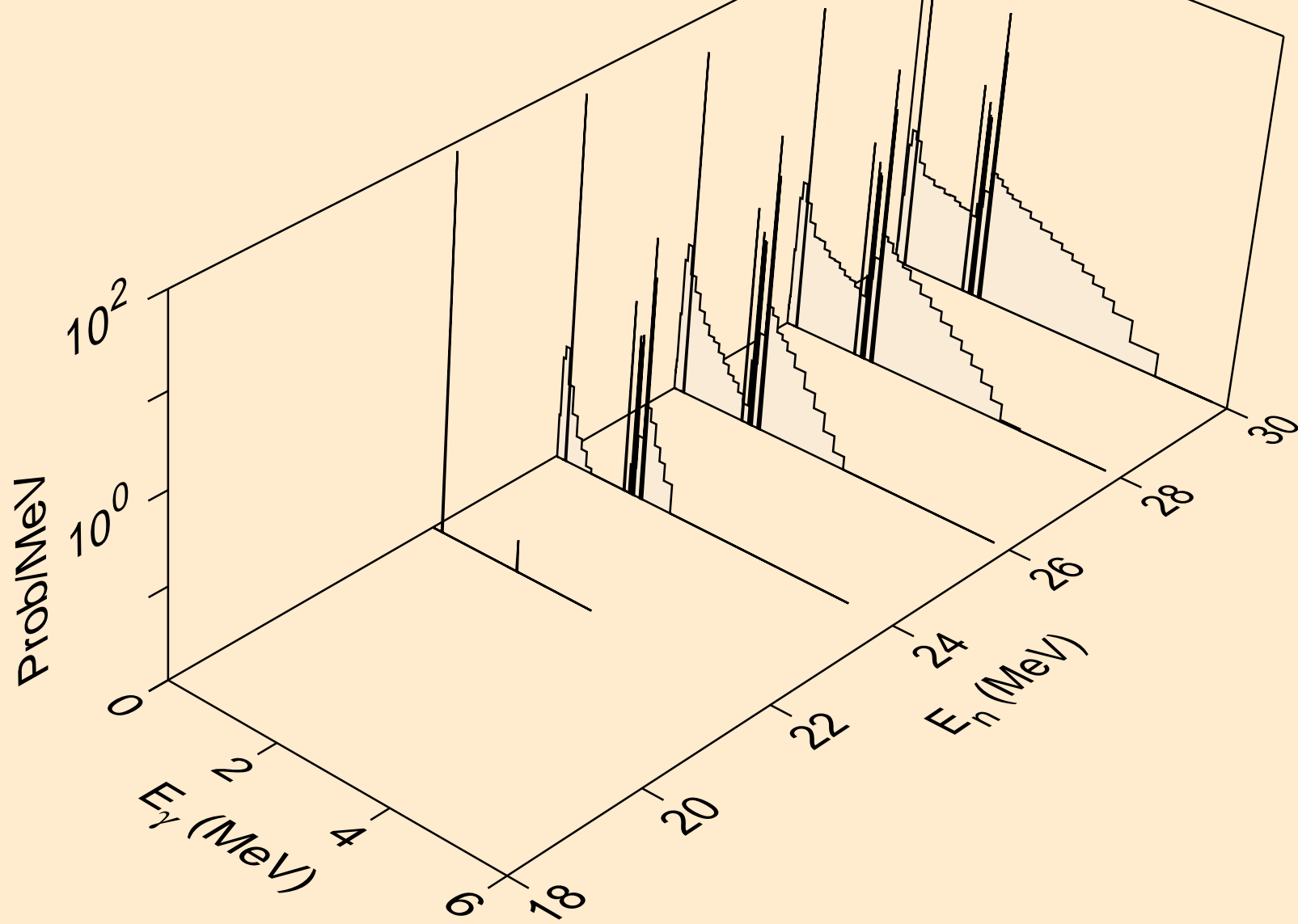
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



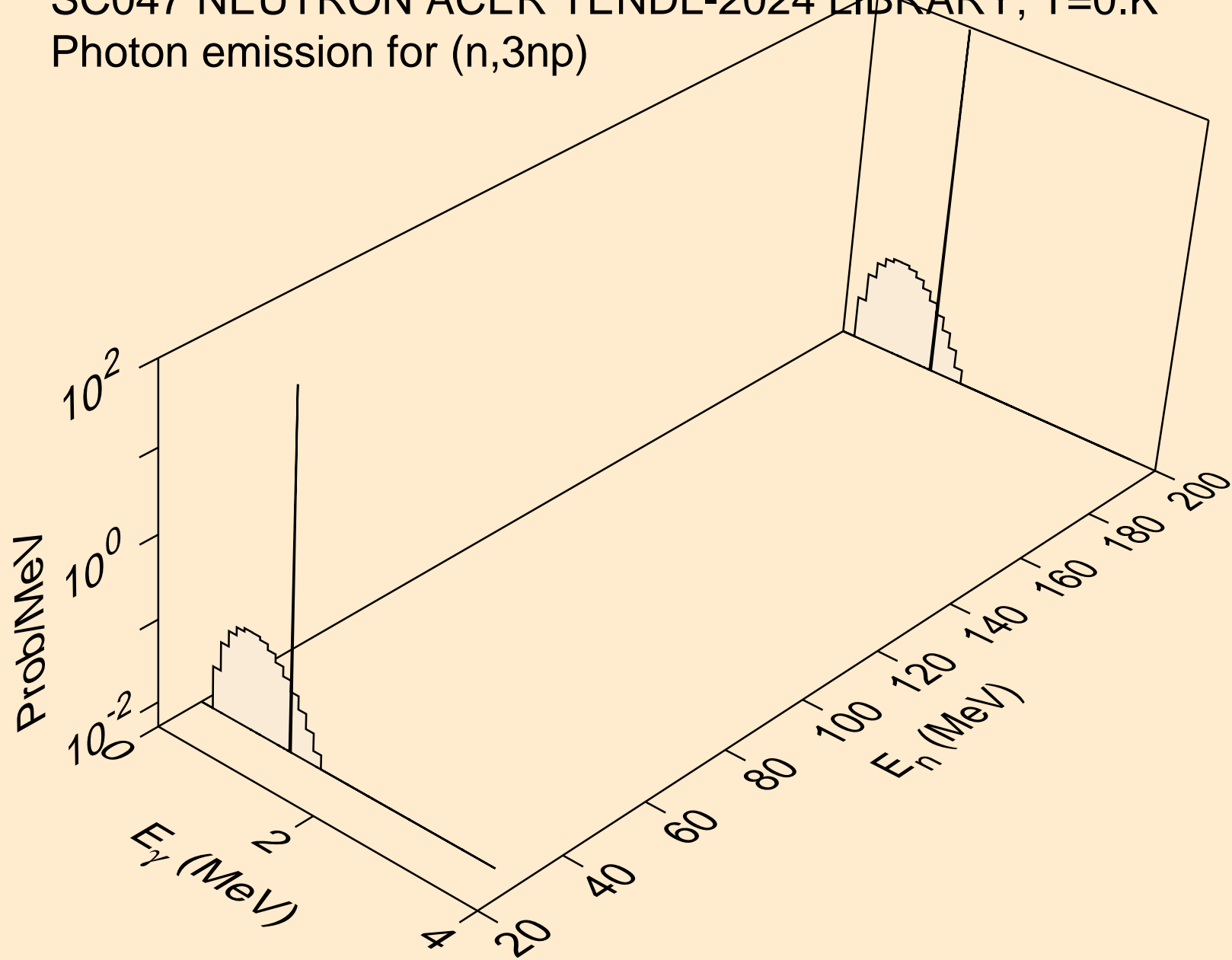
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



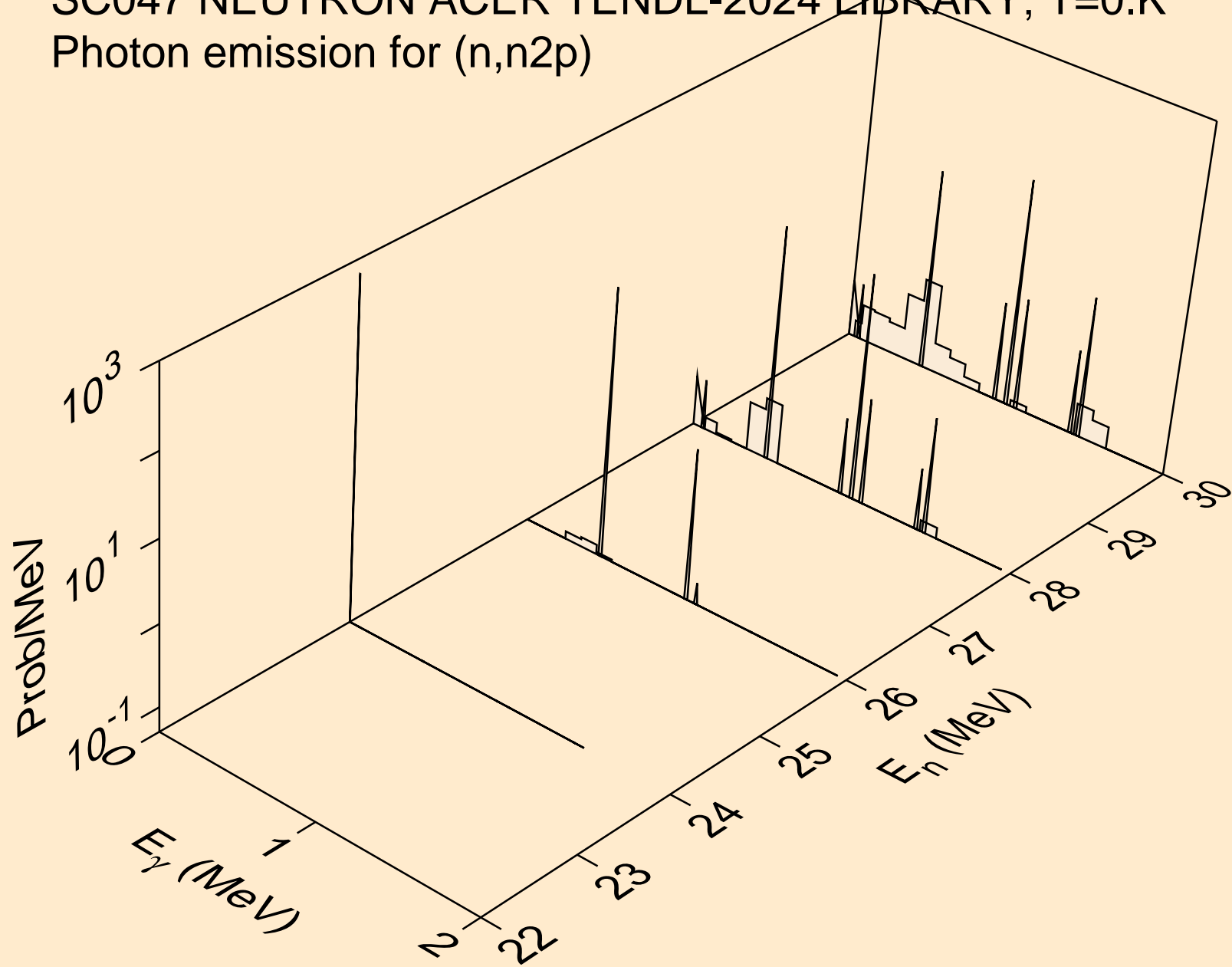
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Photon emission for (n,2np)



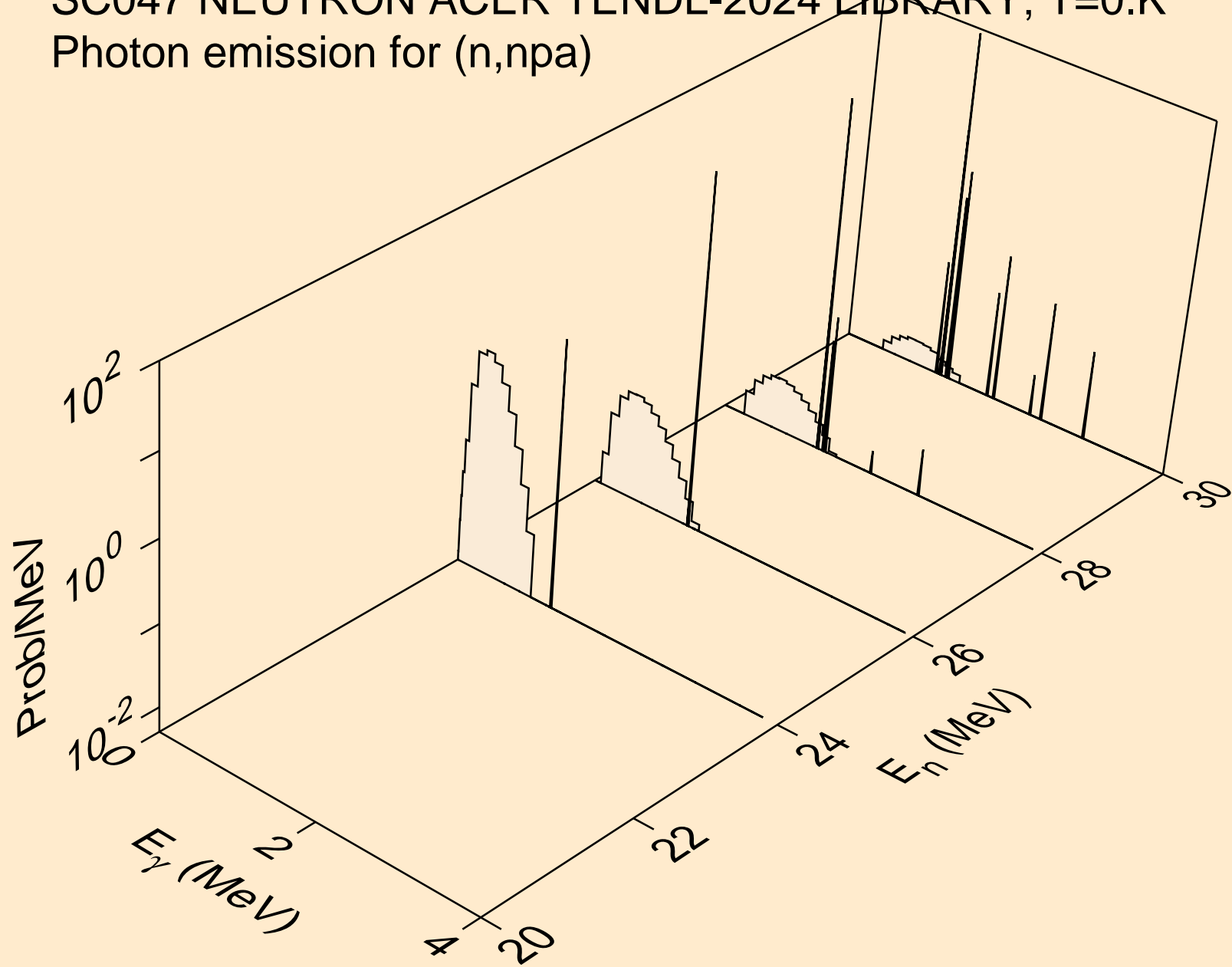
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Photon emission for (n,3np)



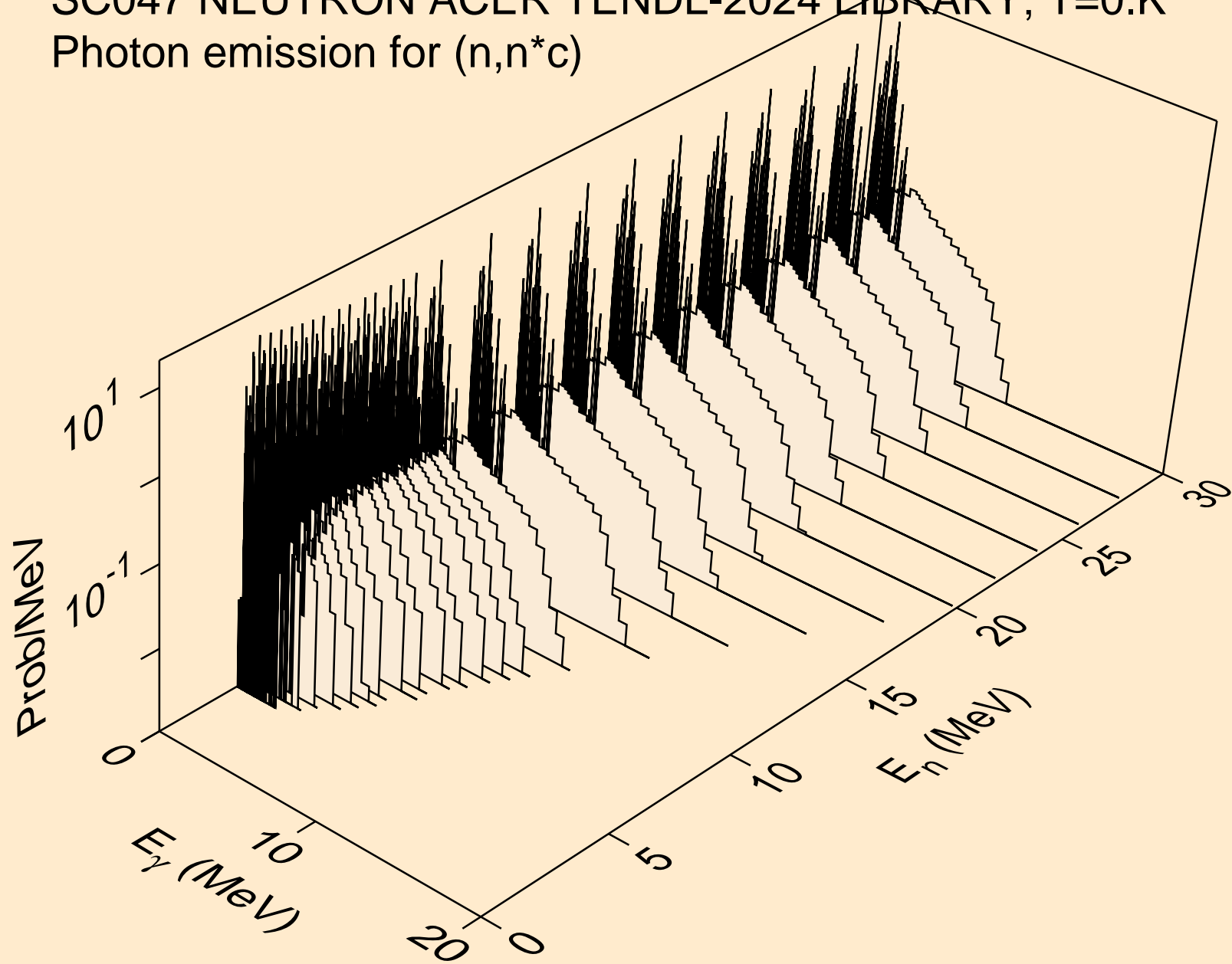
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Photon emission for (n,n2p)



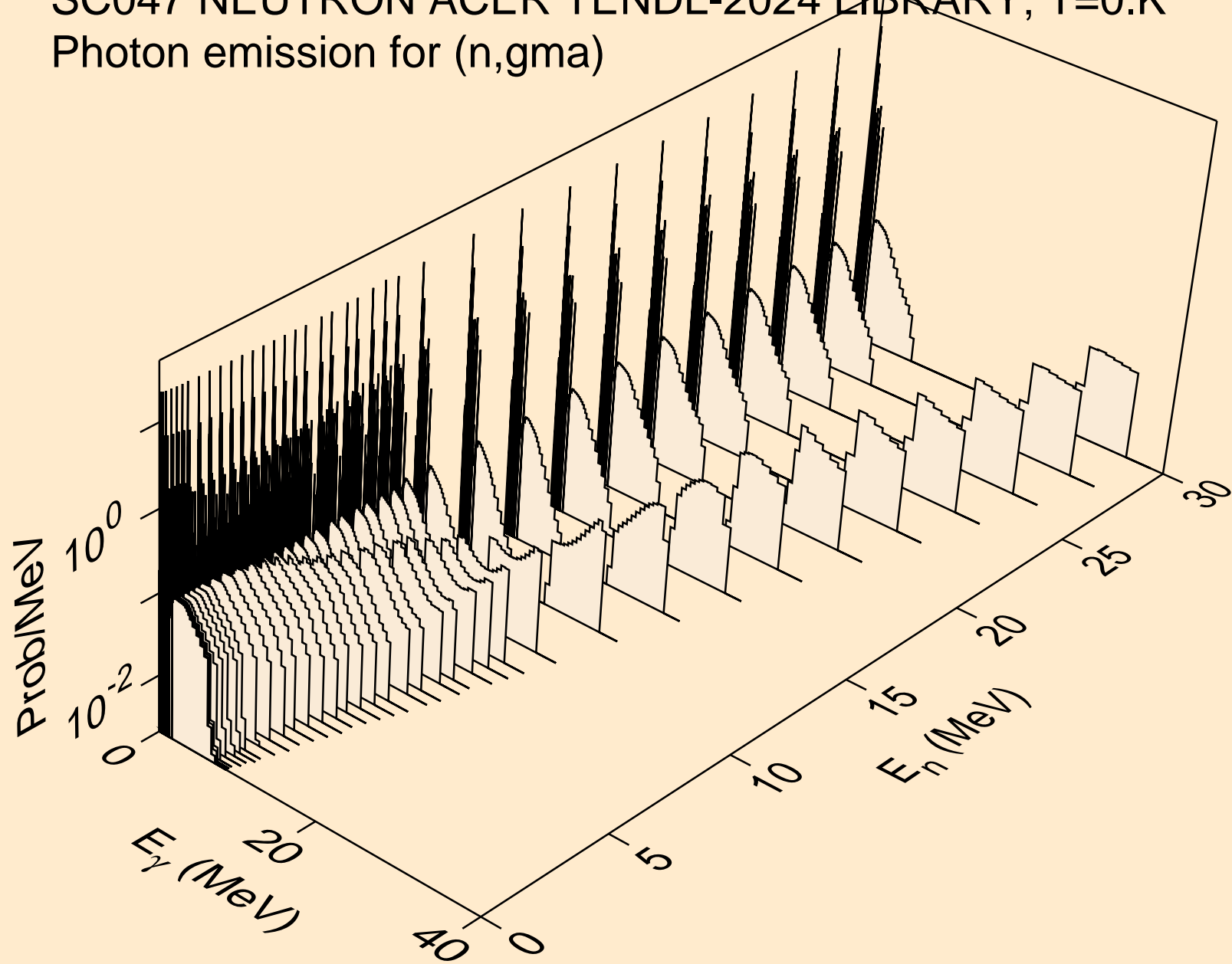
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

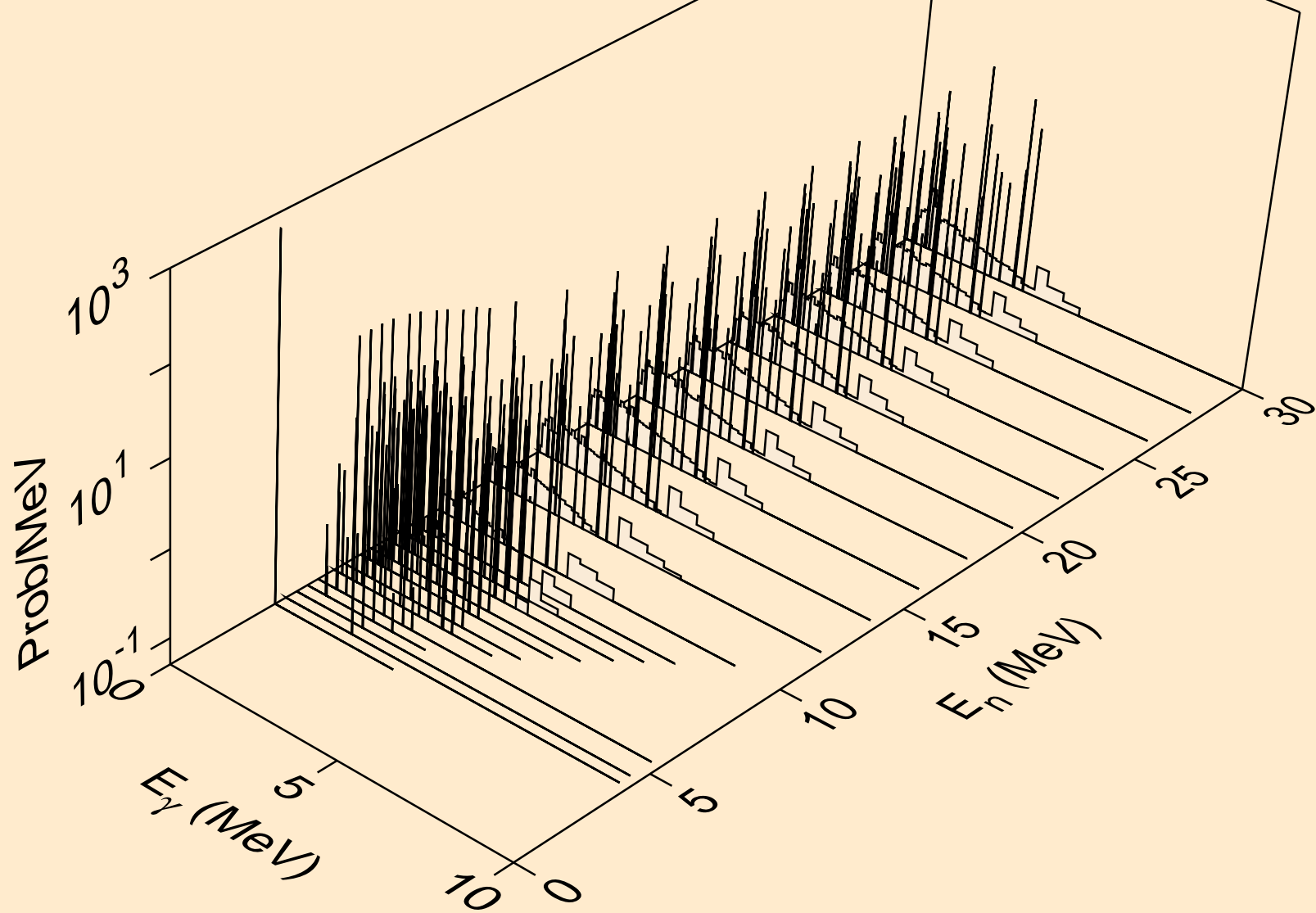


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Photon emission for (n,gma)

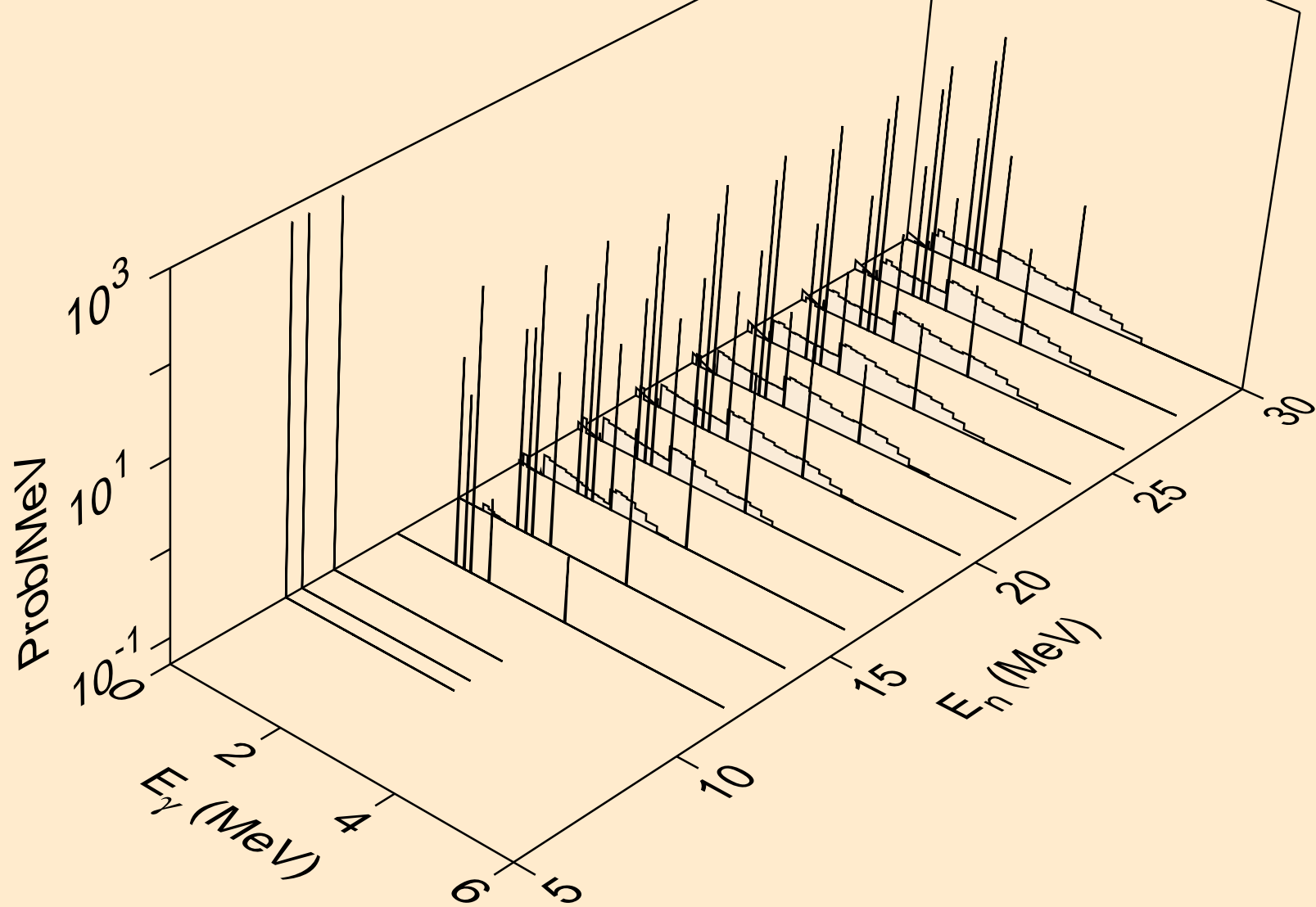




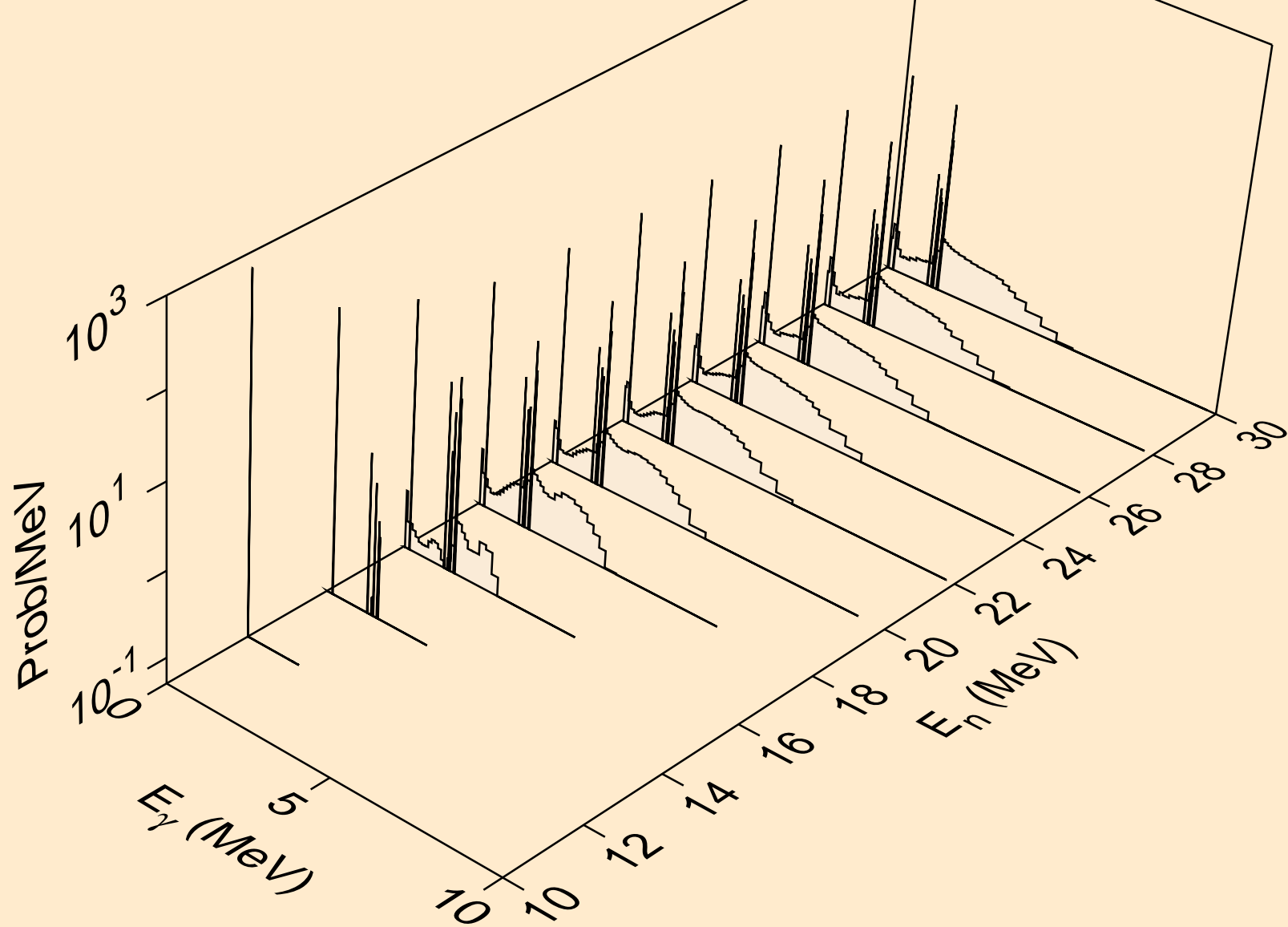
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Photon emission for (n,p)



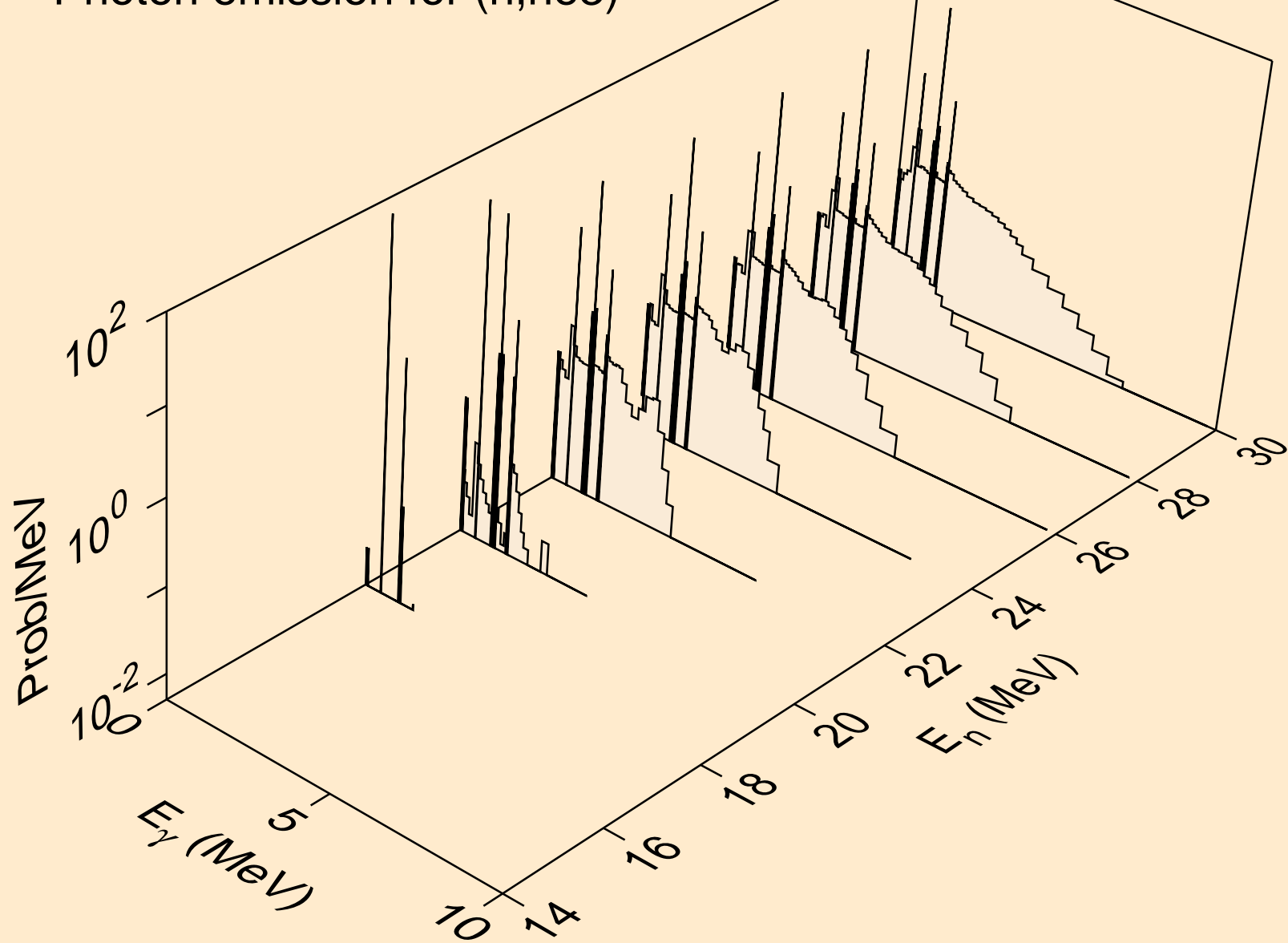
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Photon emission for (n,d)



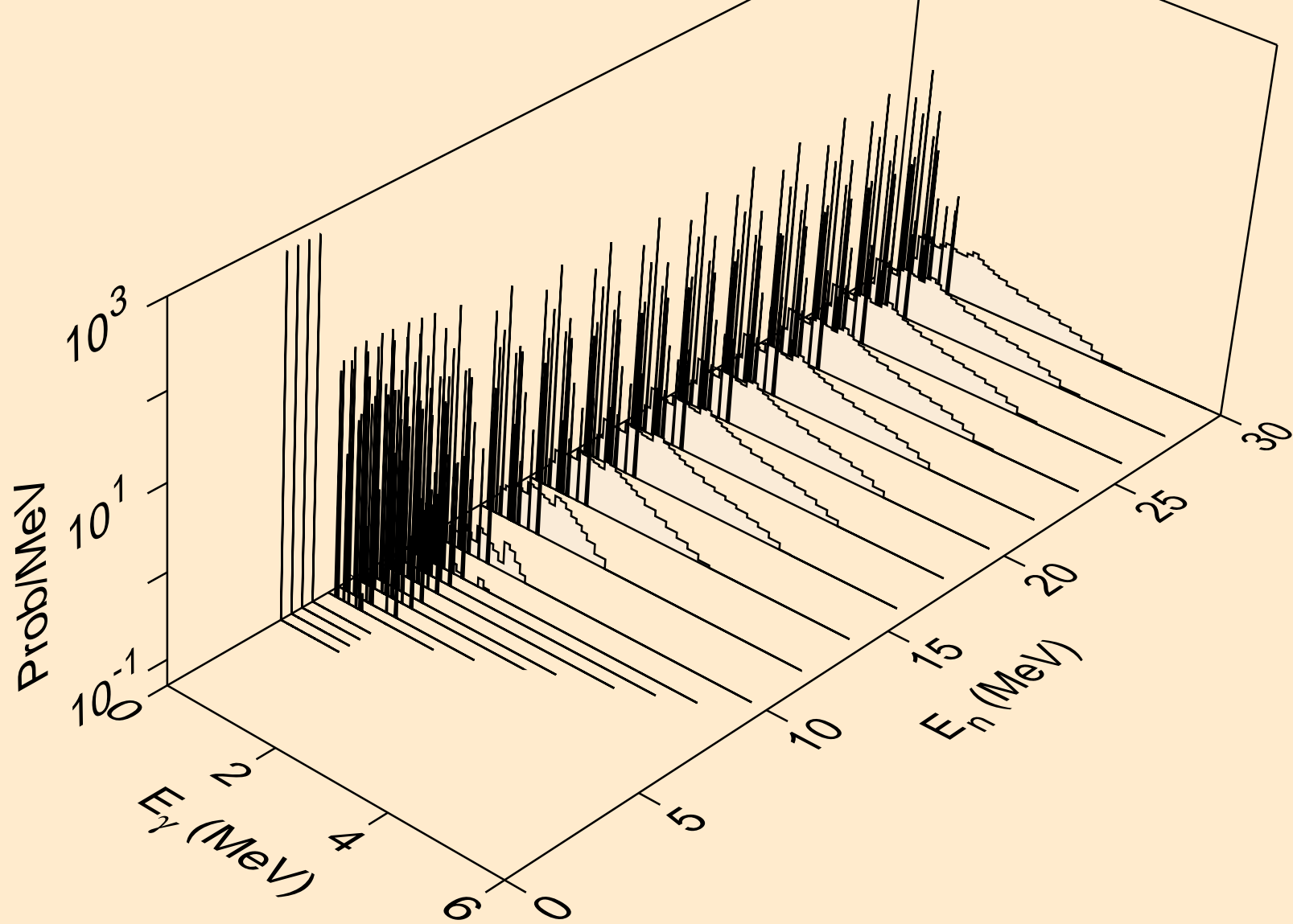
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Photon emission for (n,t)



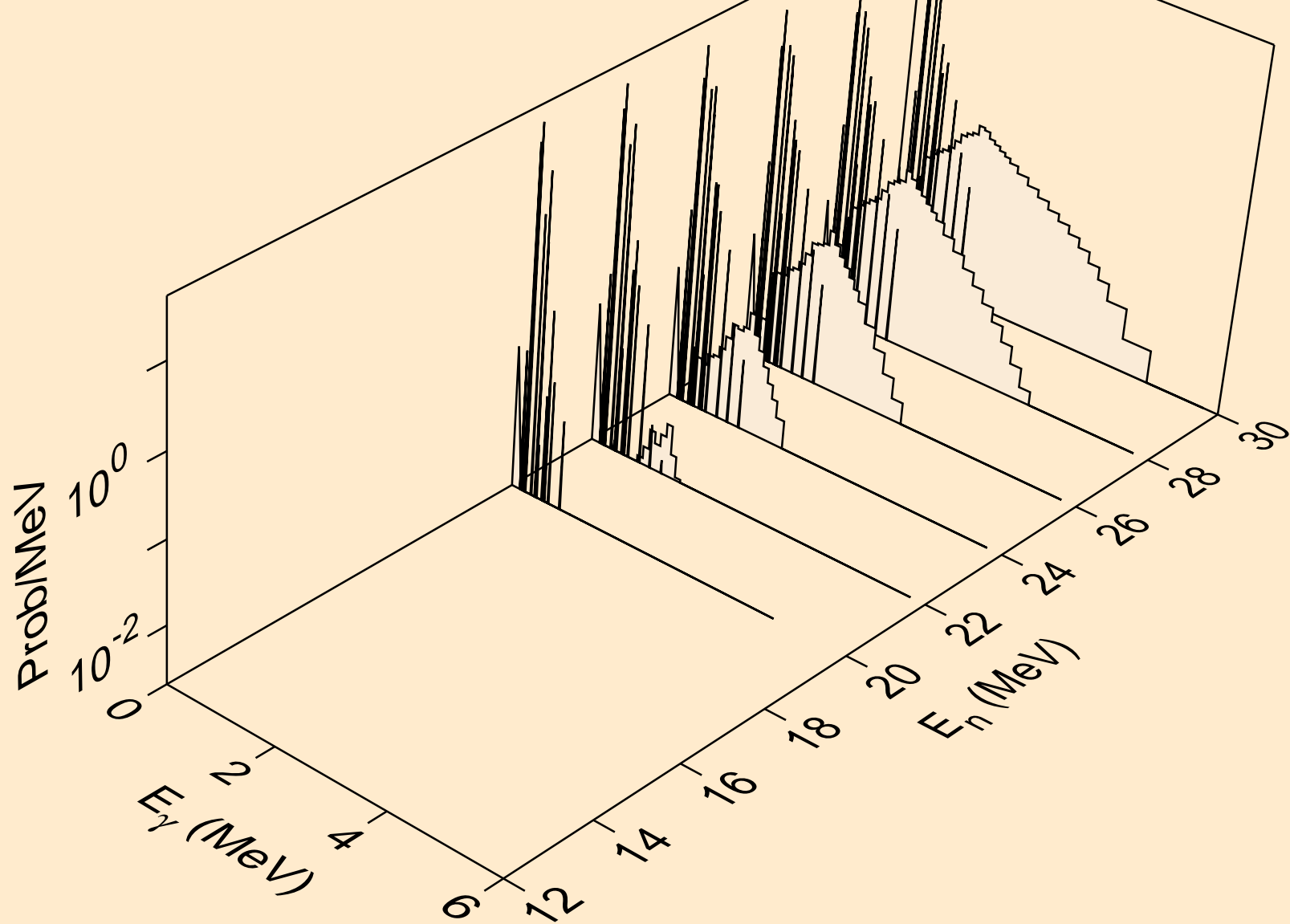
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Photon emission for (n,he3)



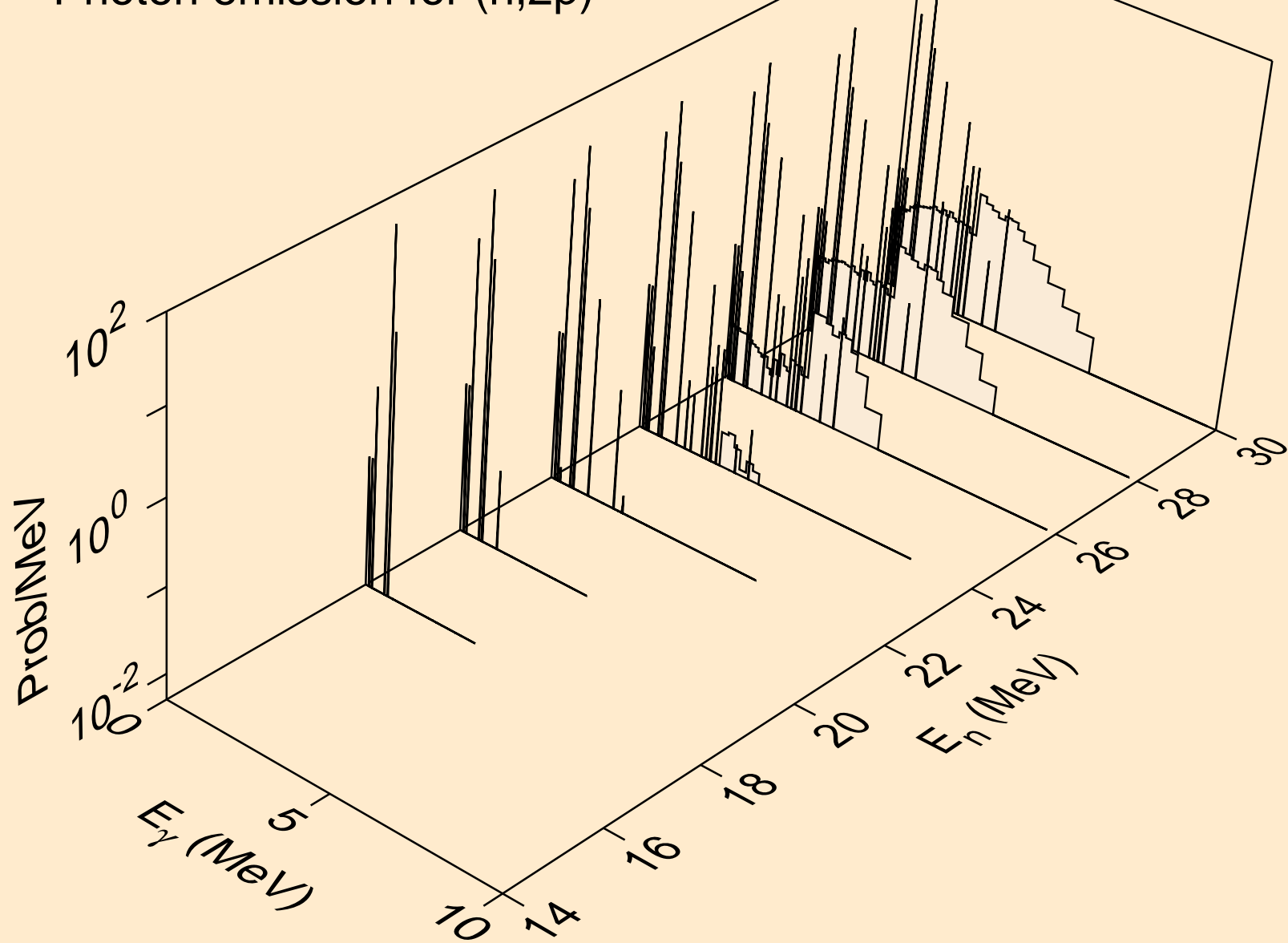
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Photon emission for (n,a)



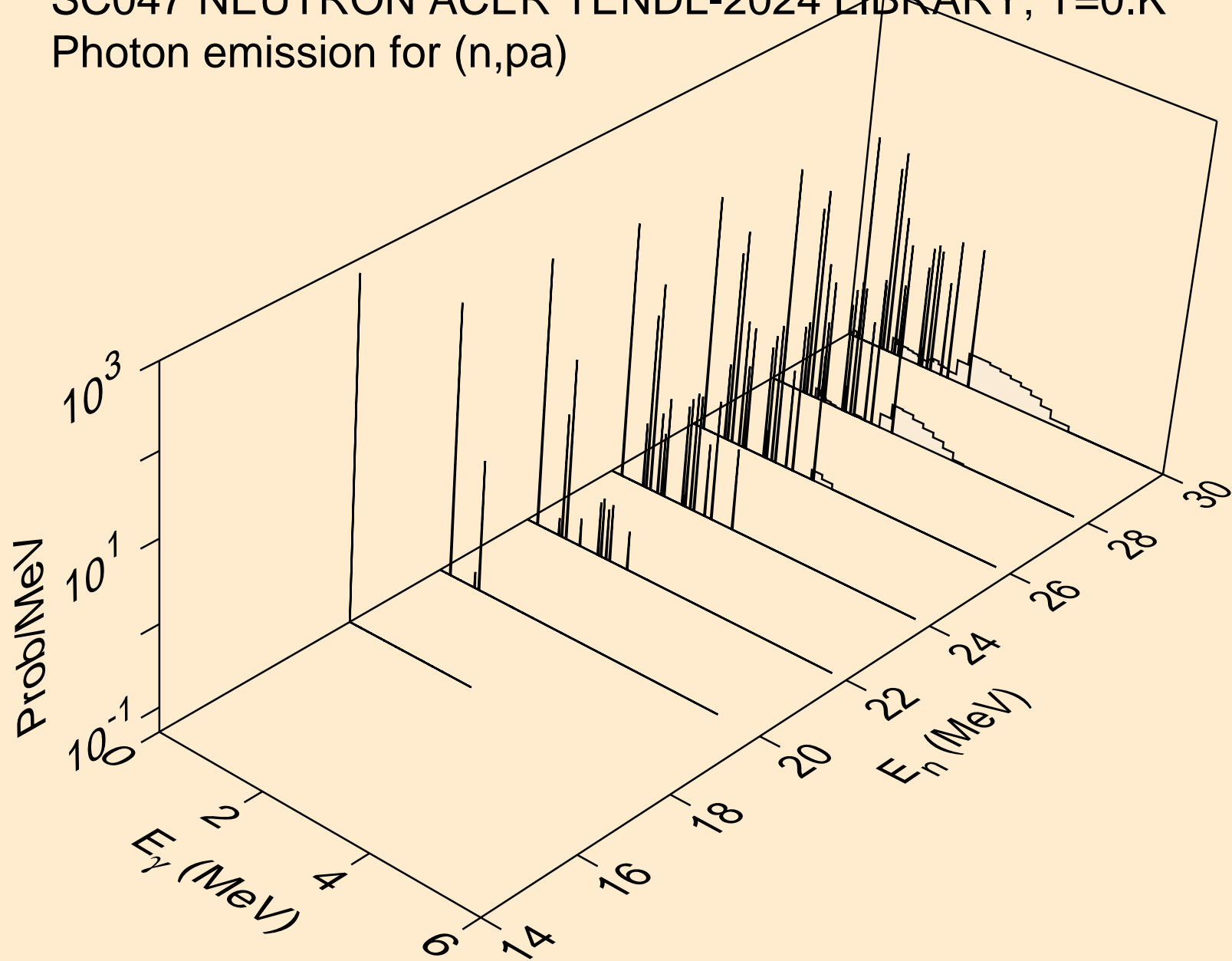
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

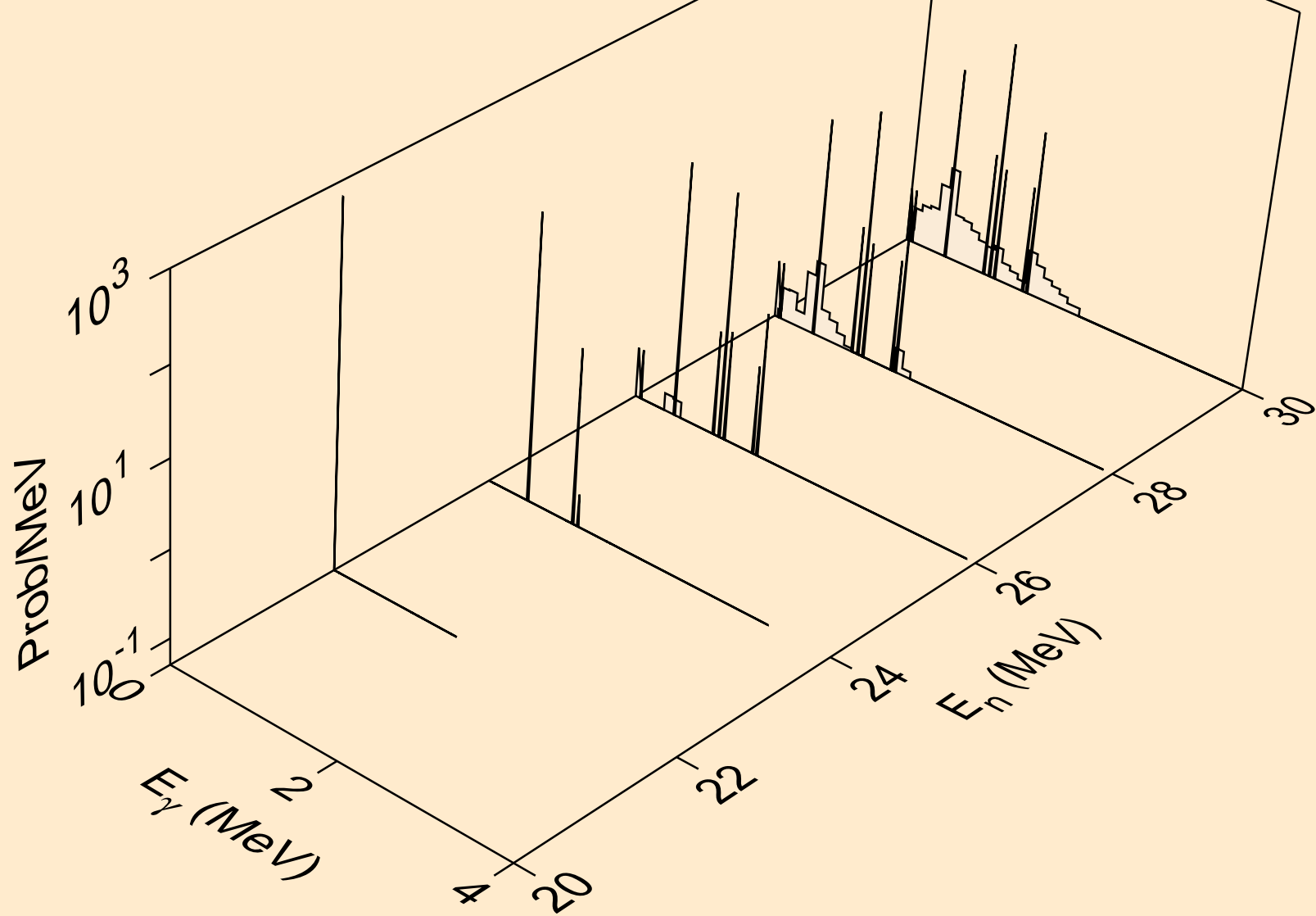


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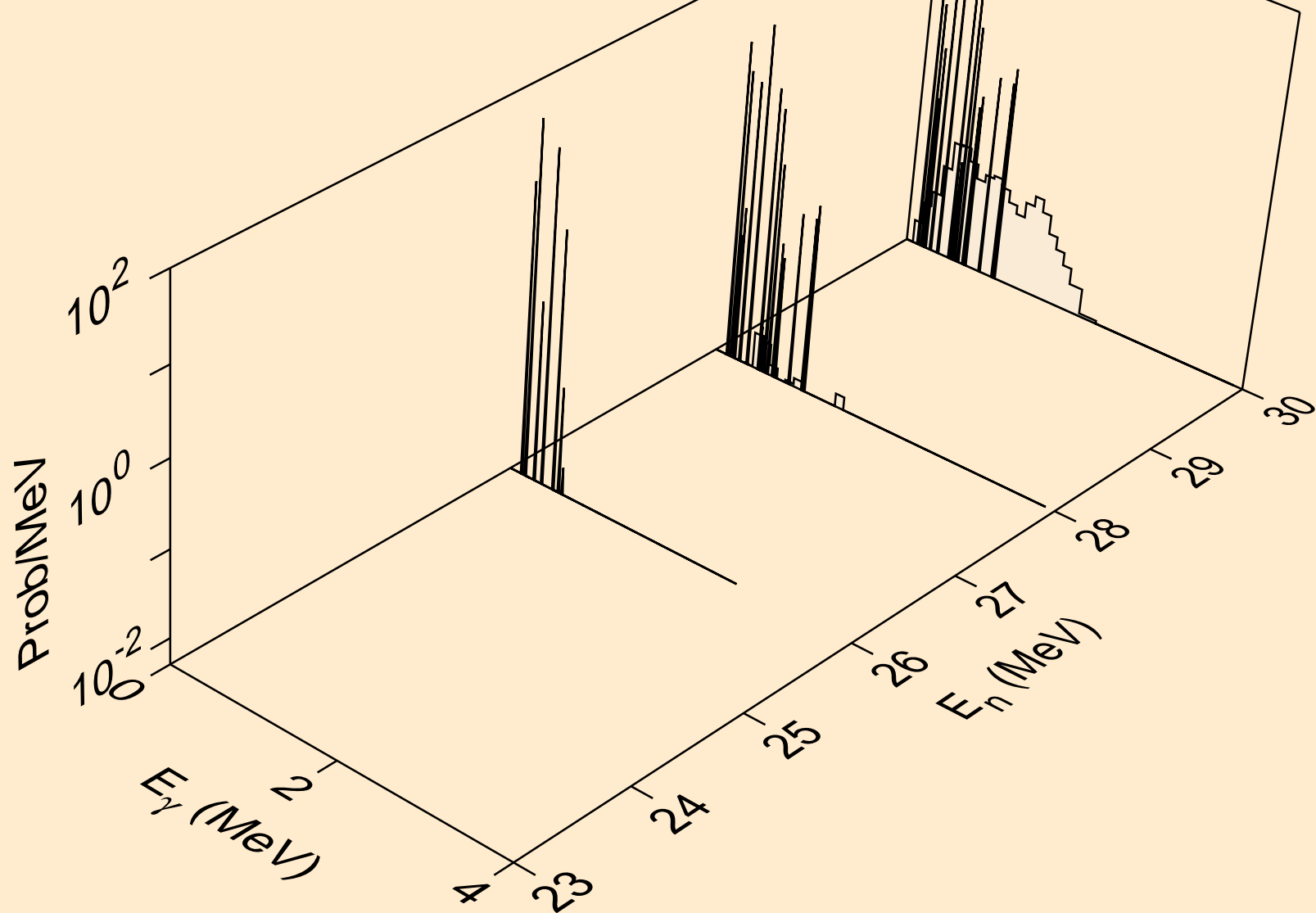




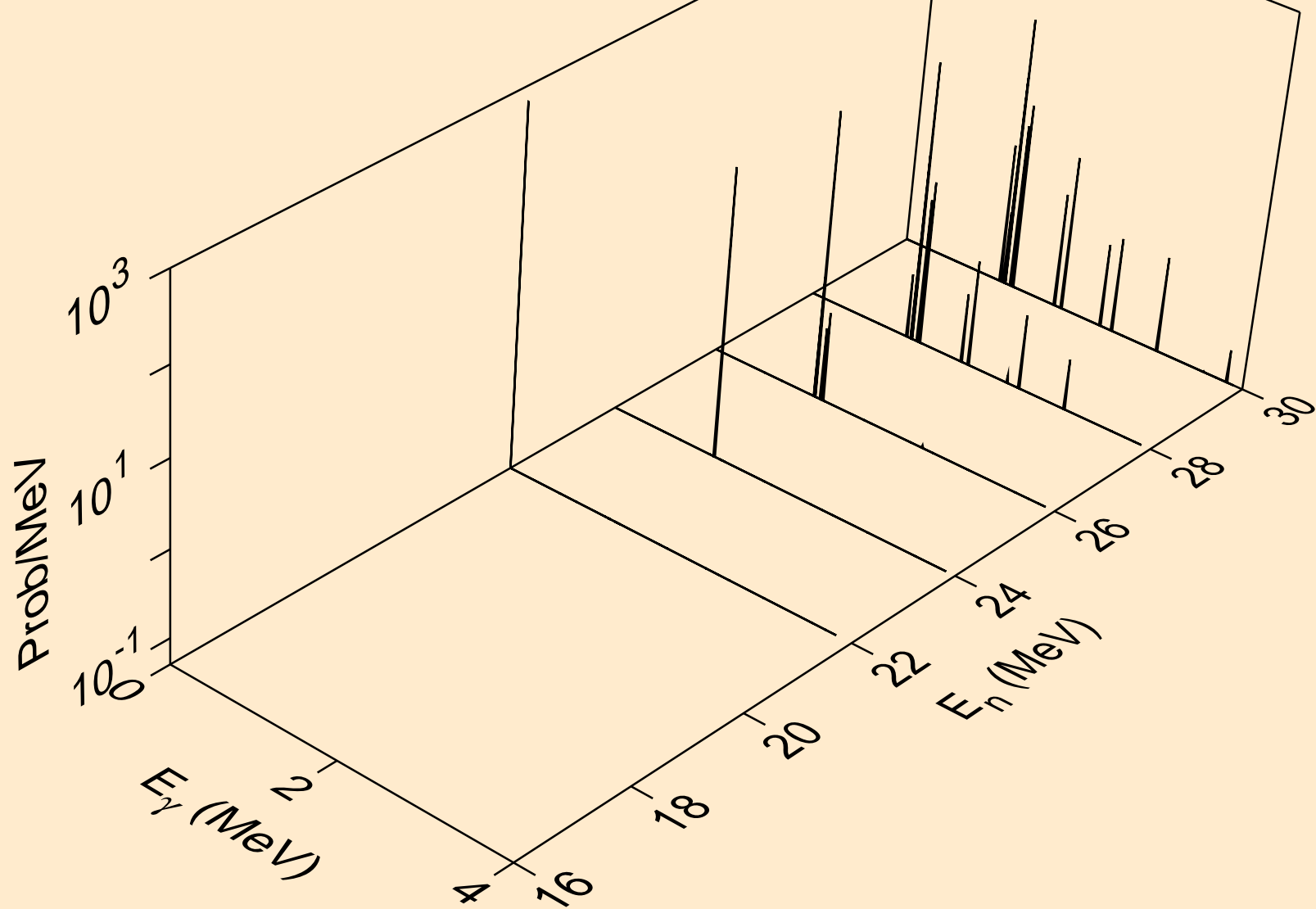
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Photon emission for (n,pd)



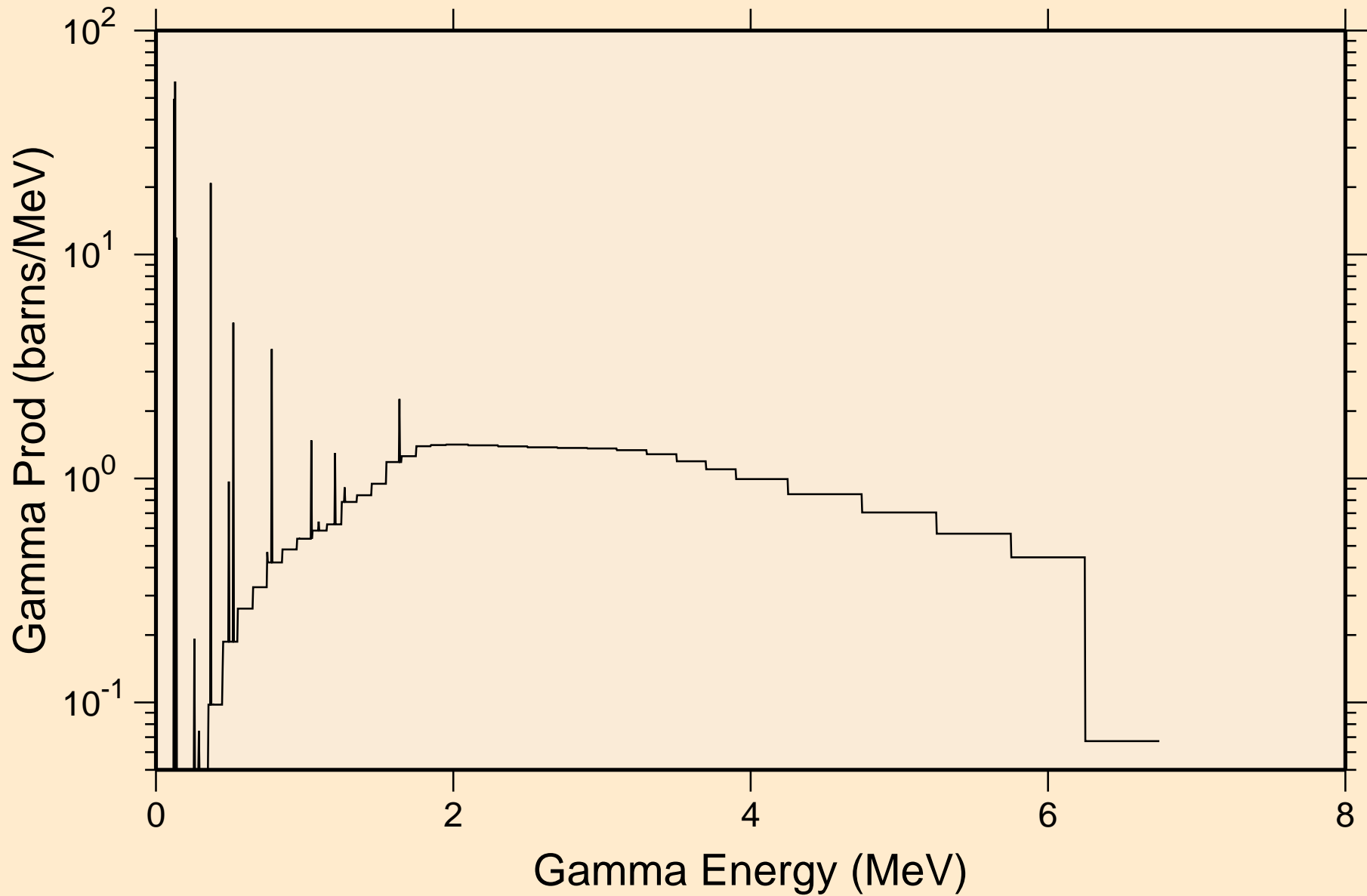
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Photon emission for (n,pt)



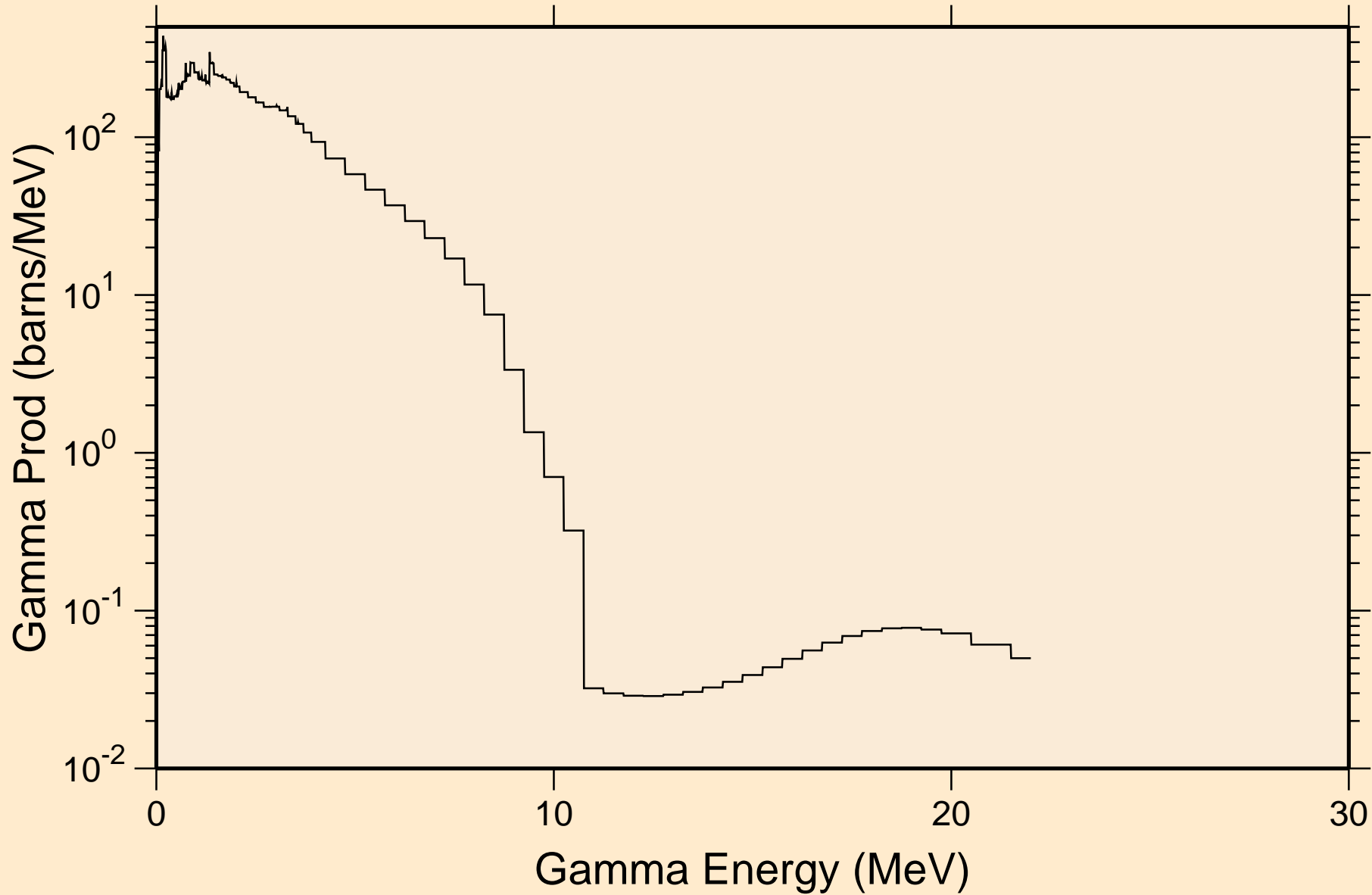
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

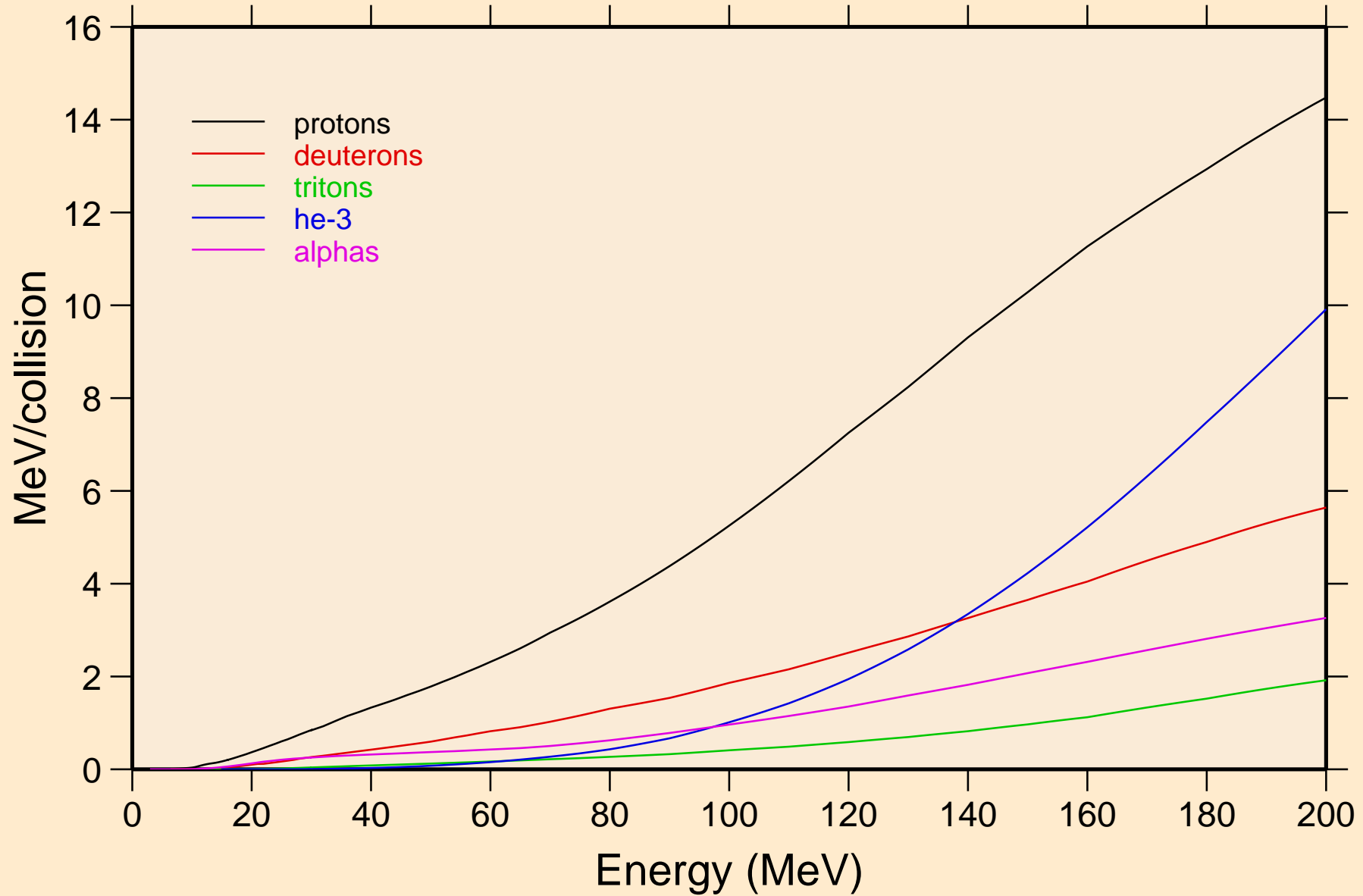


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

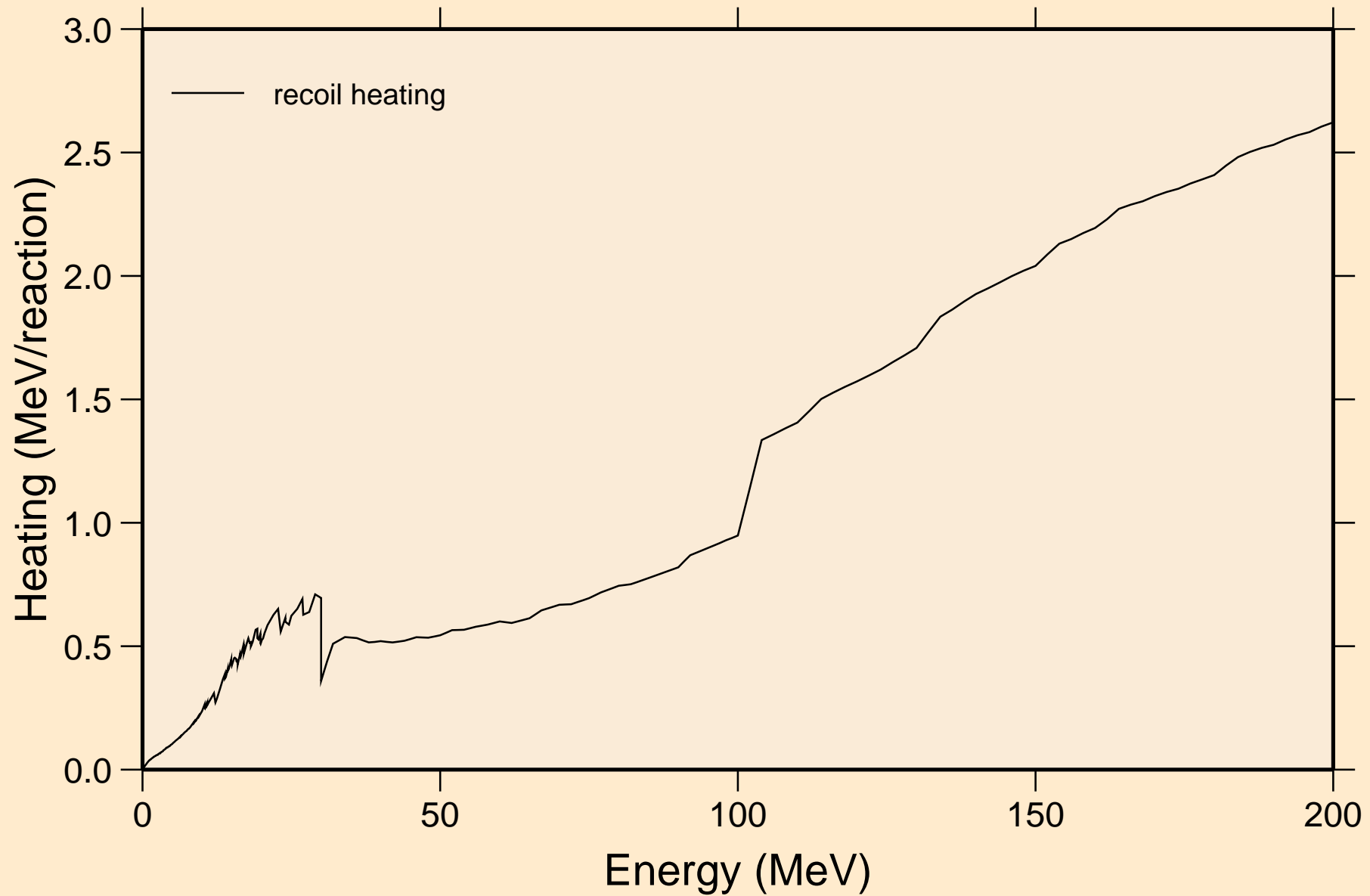


# SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

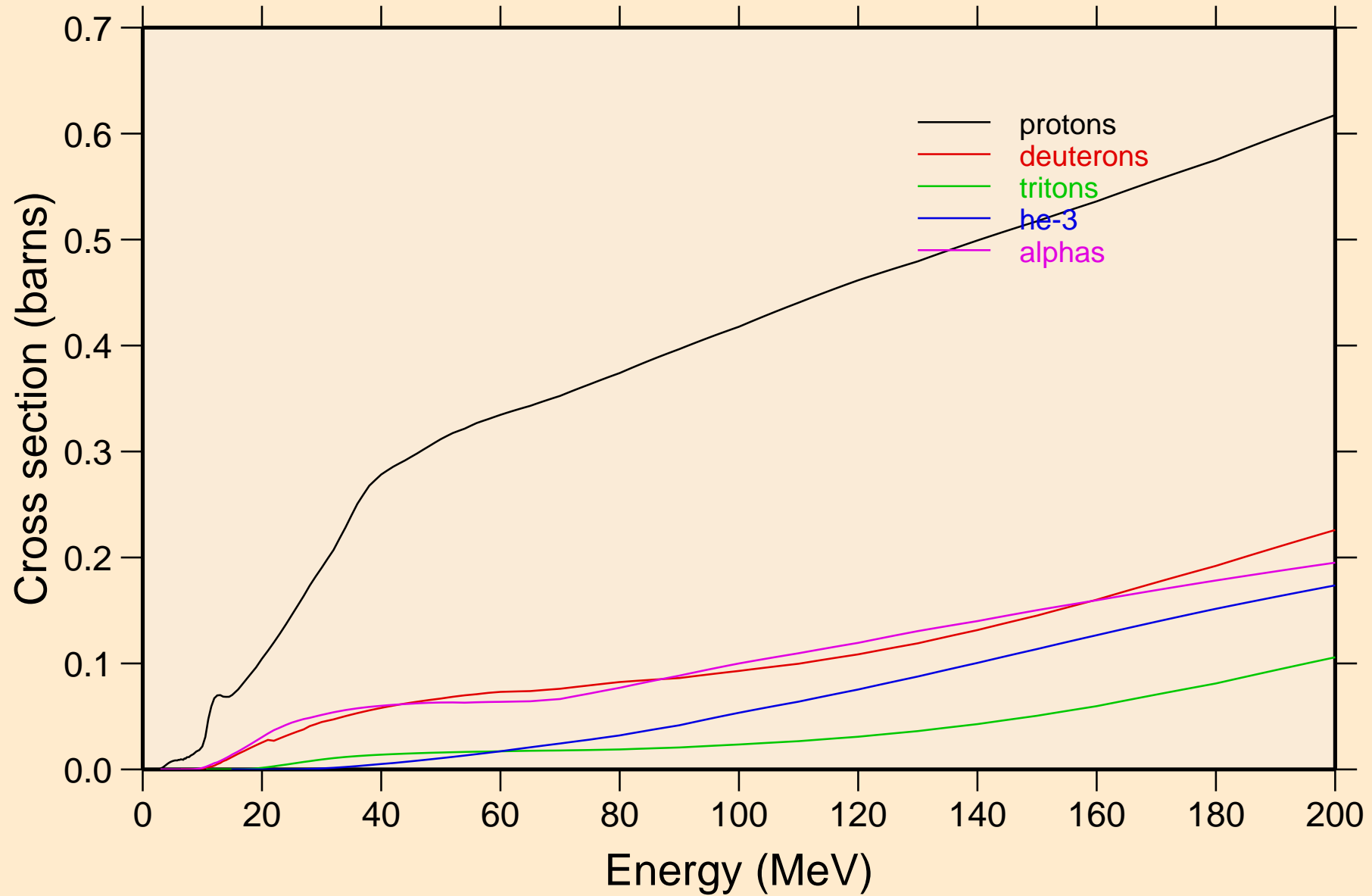


SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



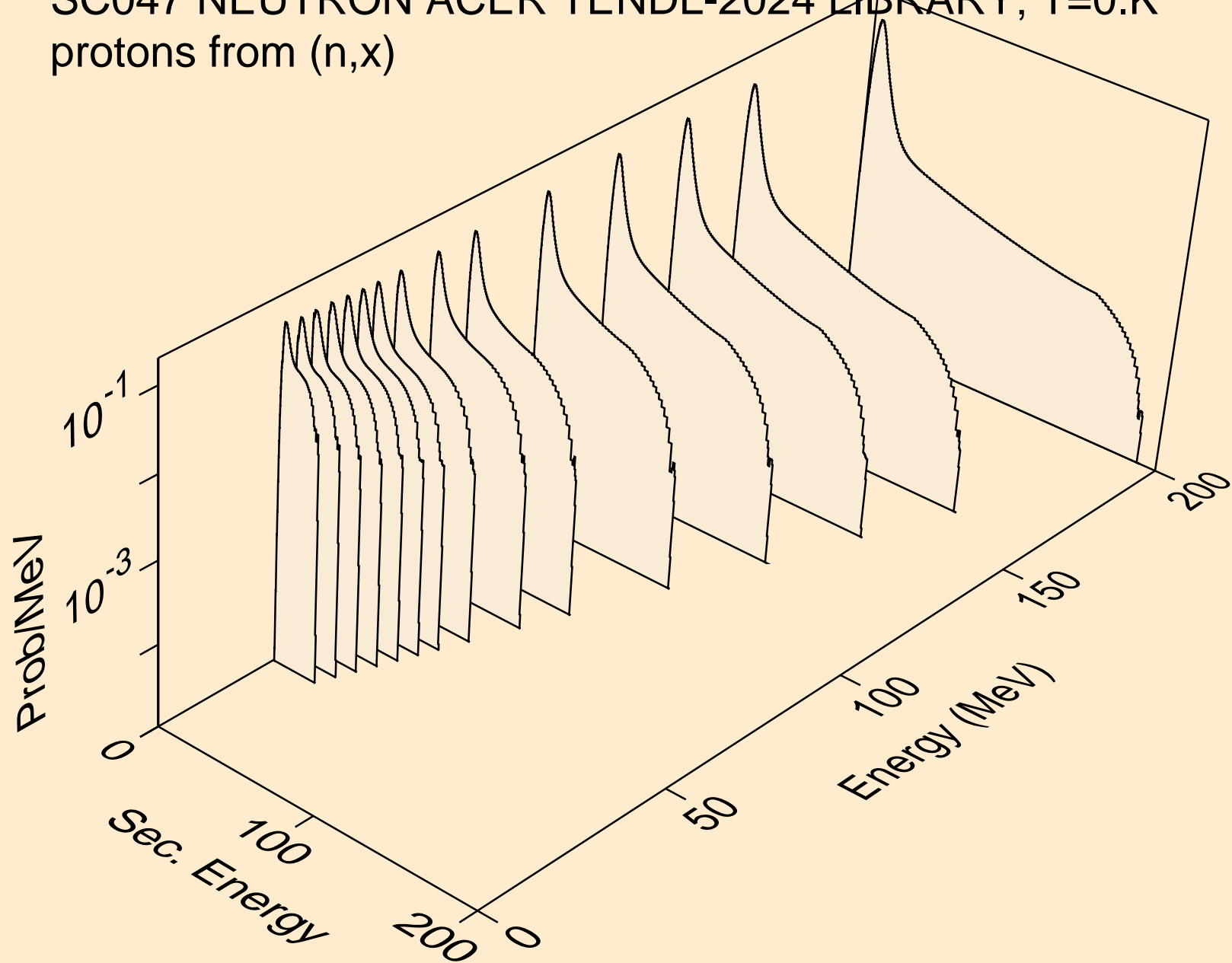
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## Particle production cross sections

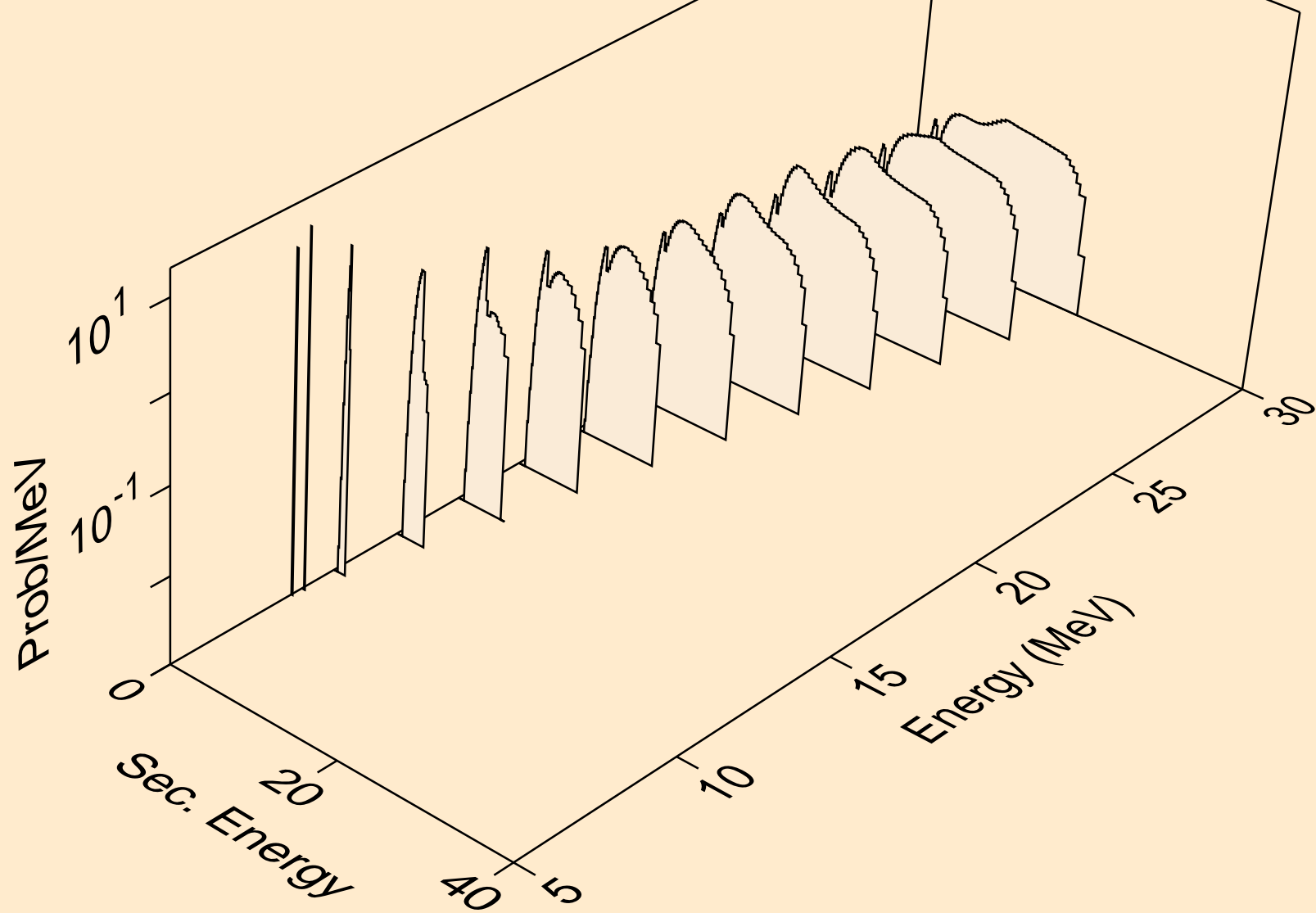




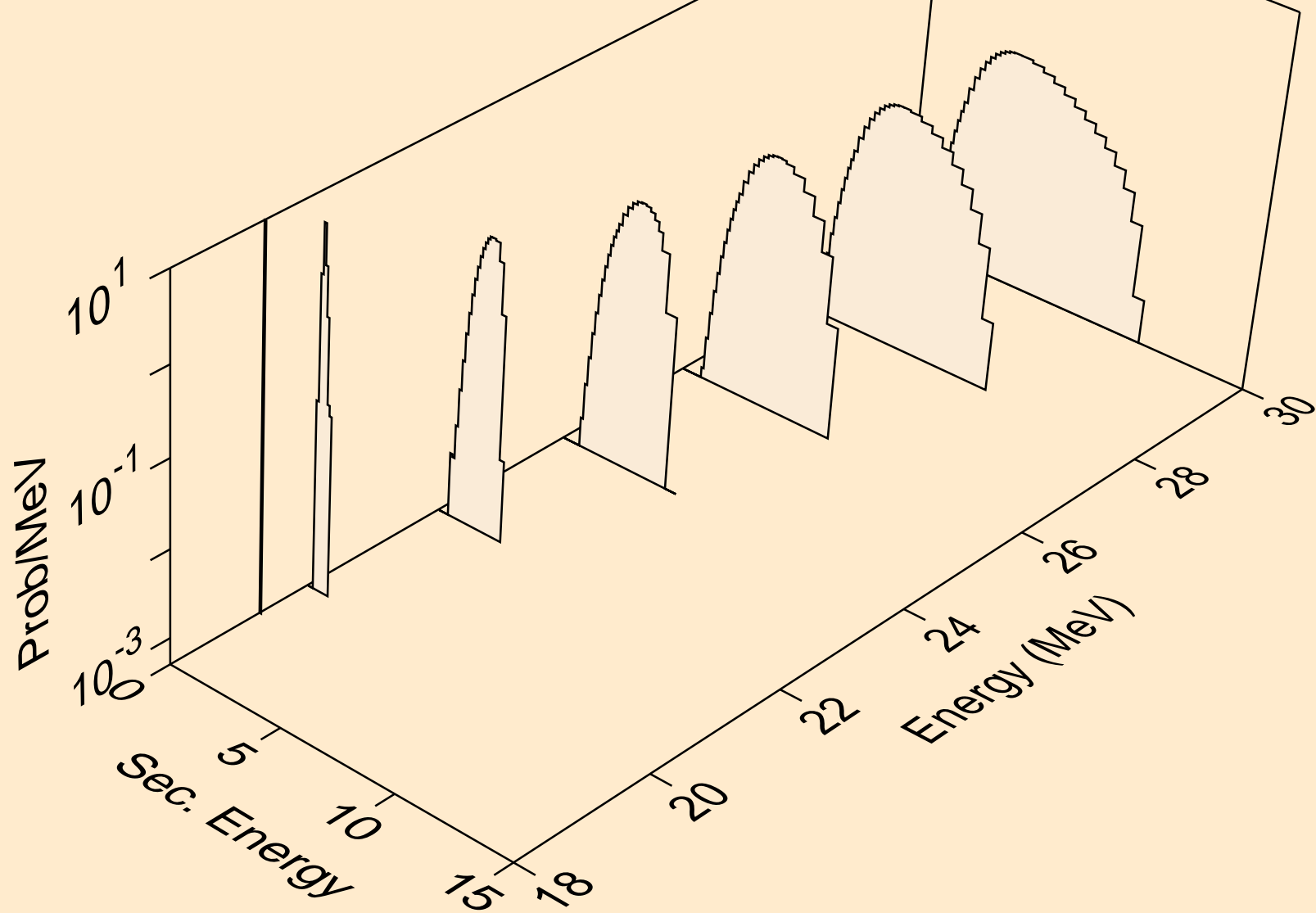
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



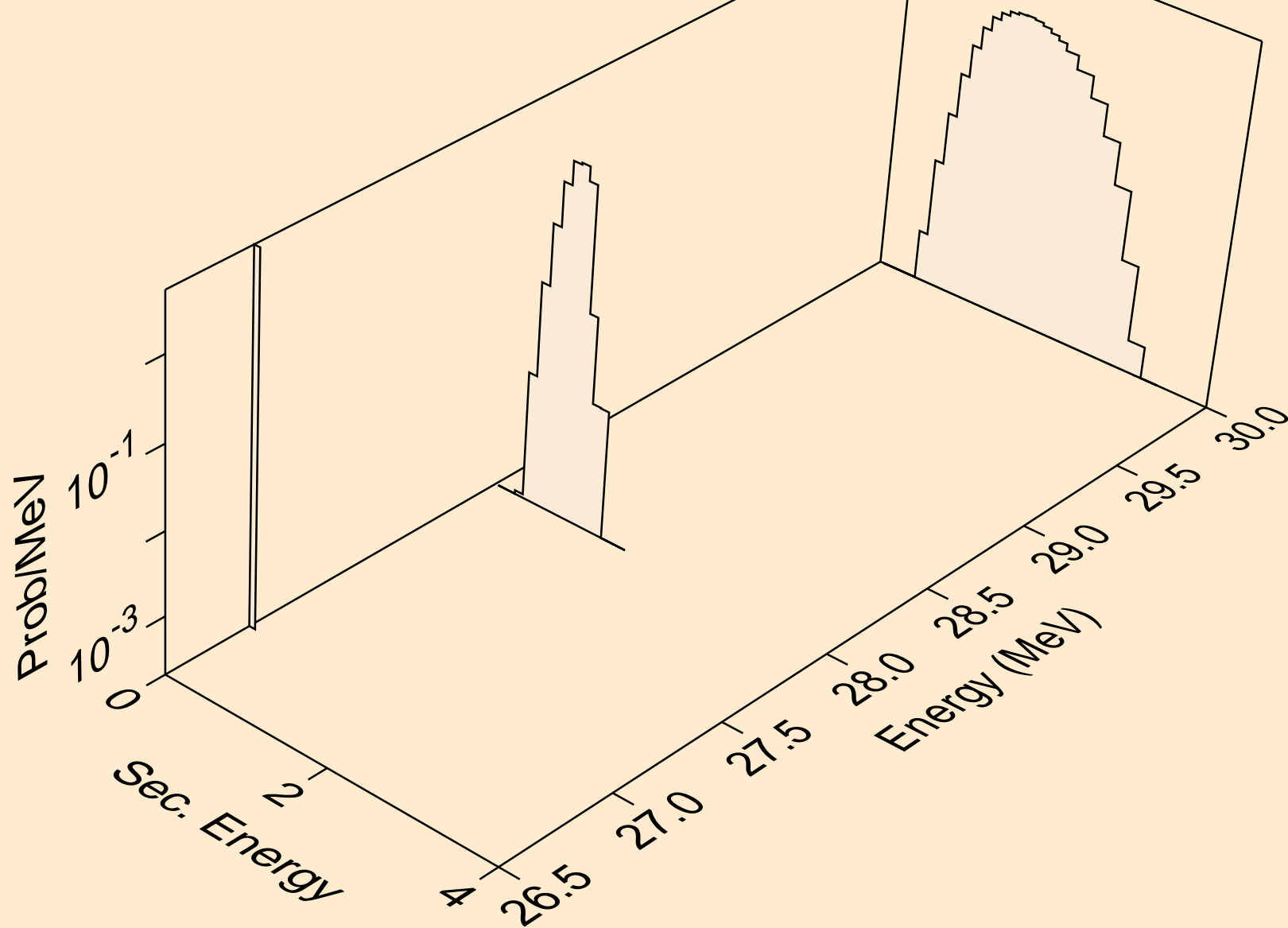
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protons from (n,n\*)p



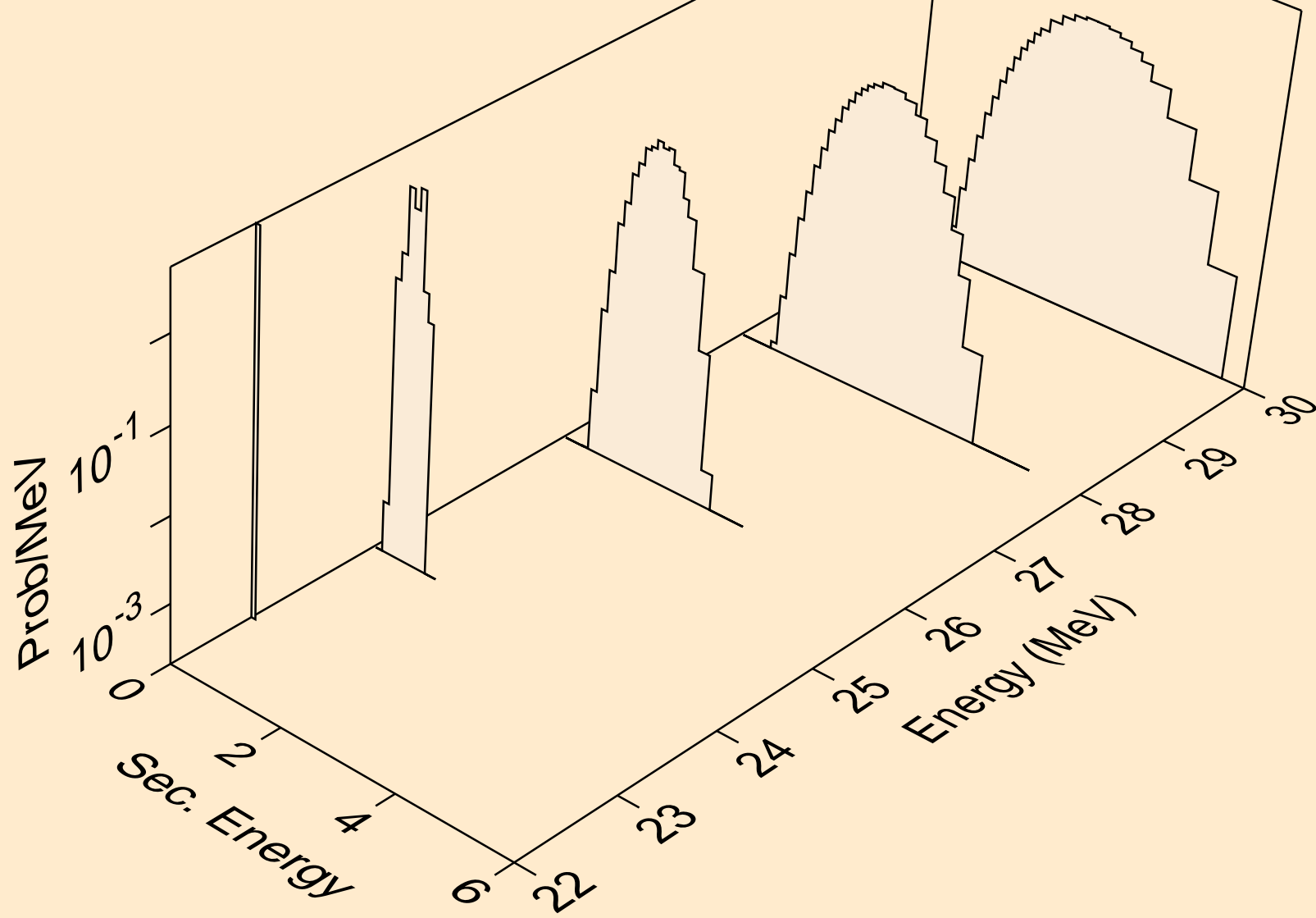
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protons from (n,2np)



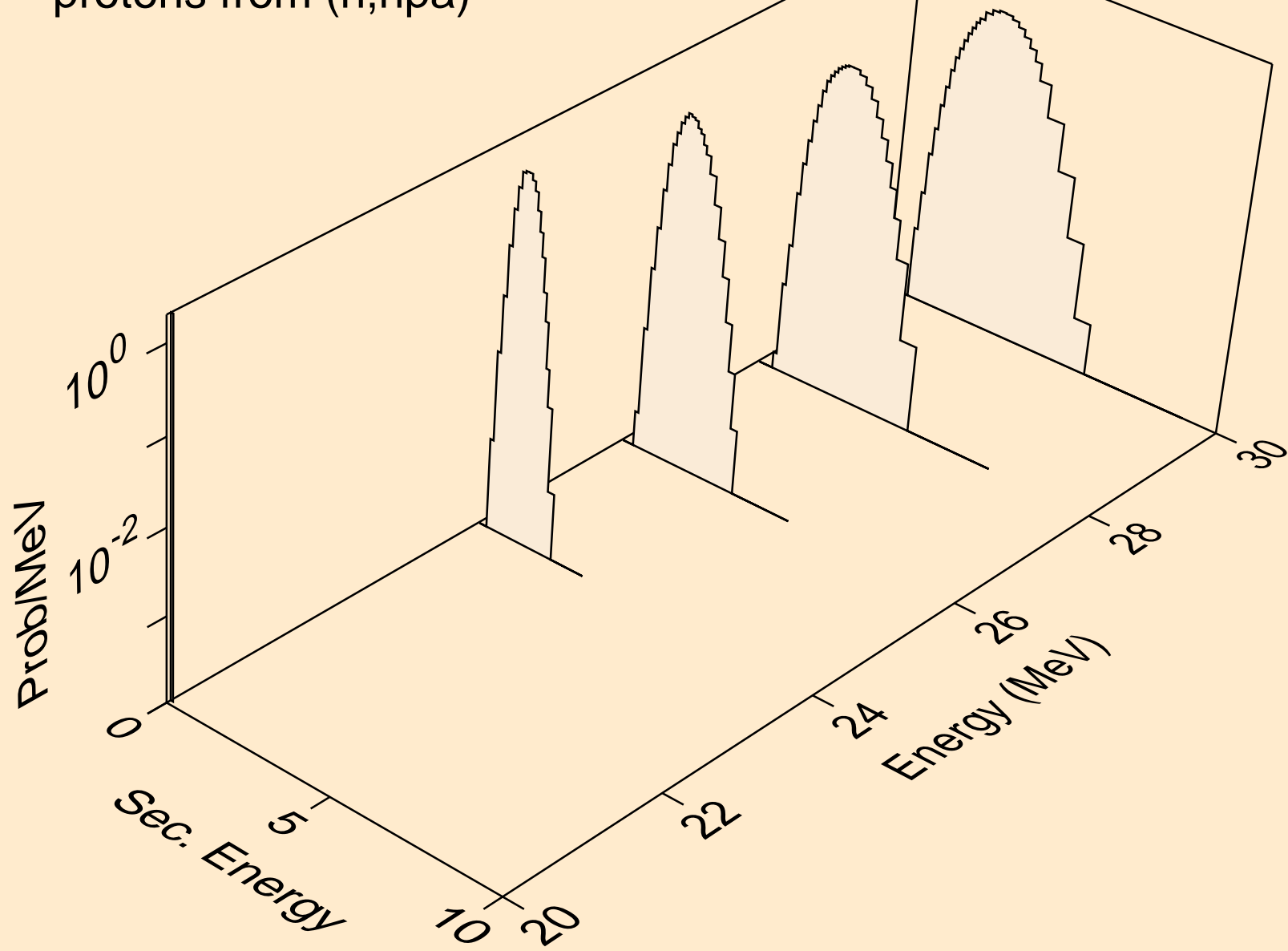
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protons from (n,3np)



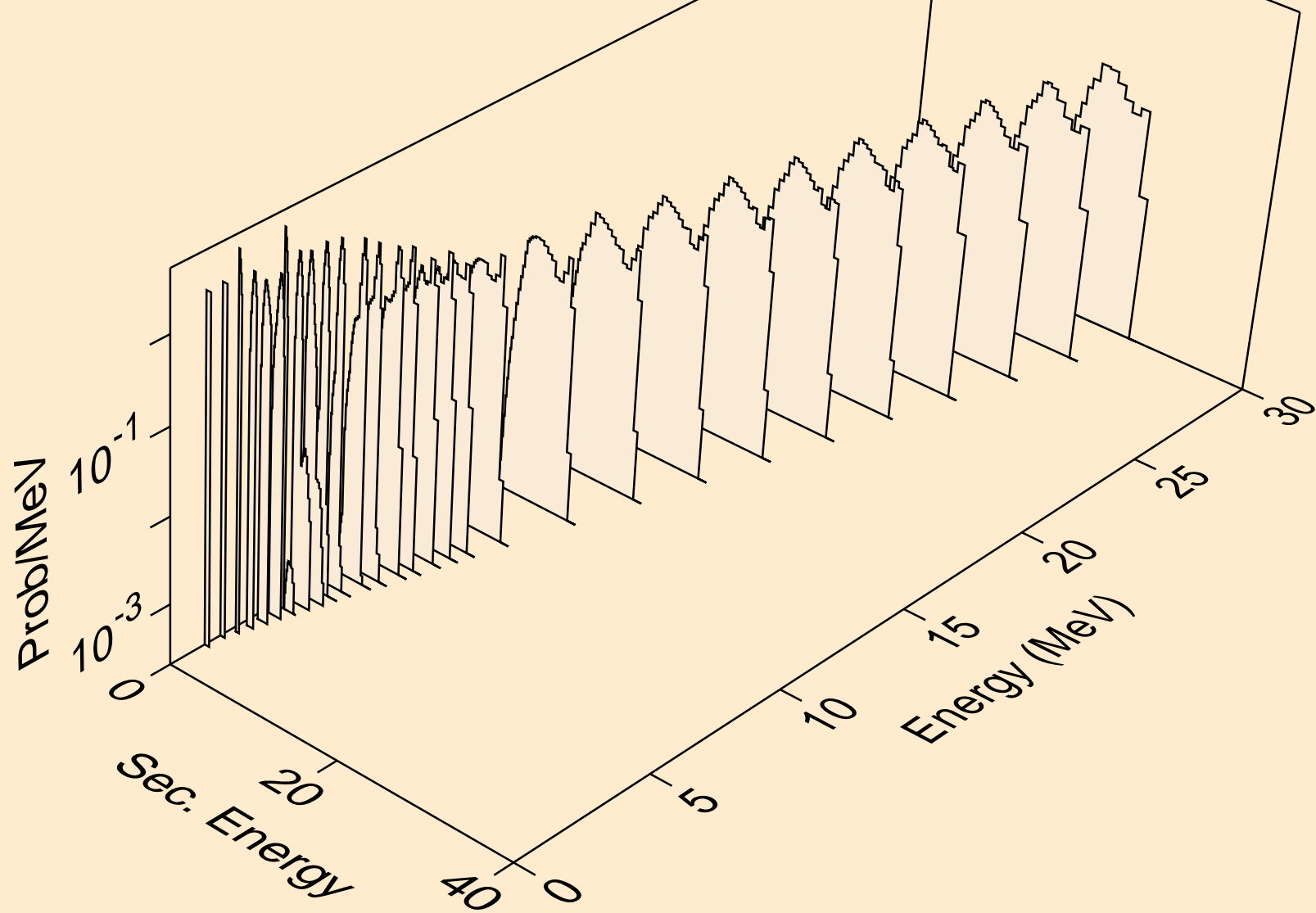
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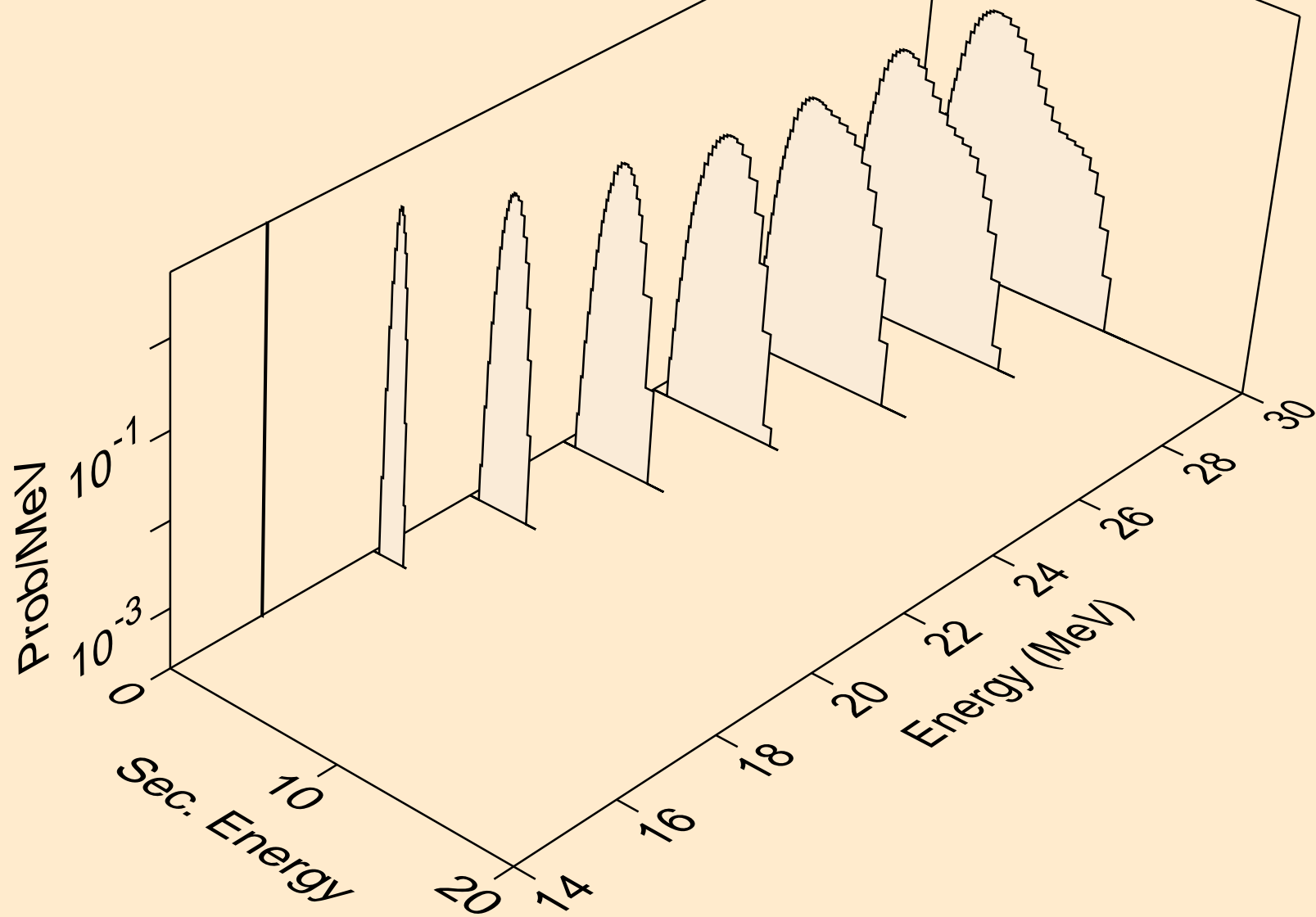
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protons from (n,npa)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

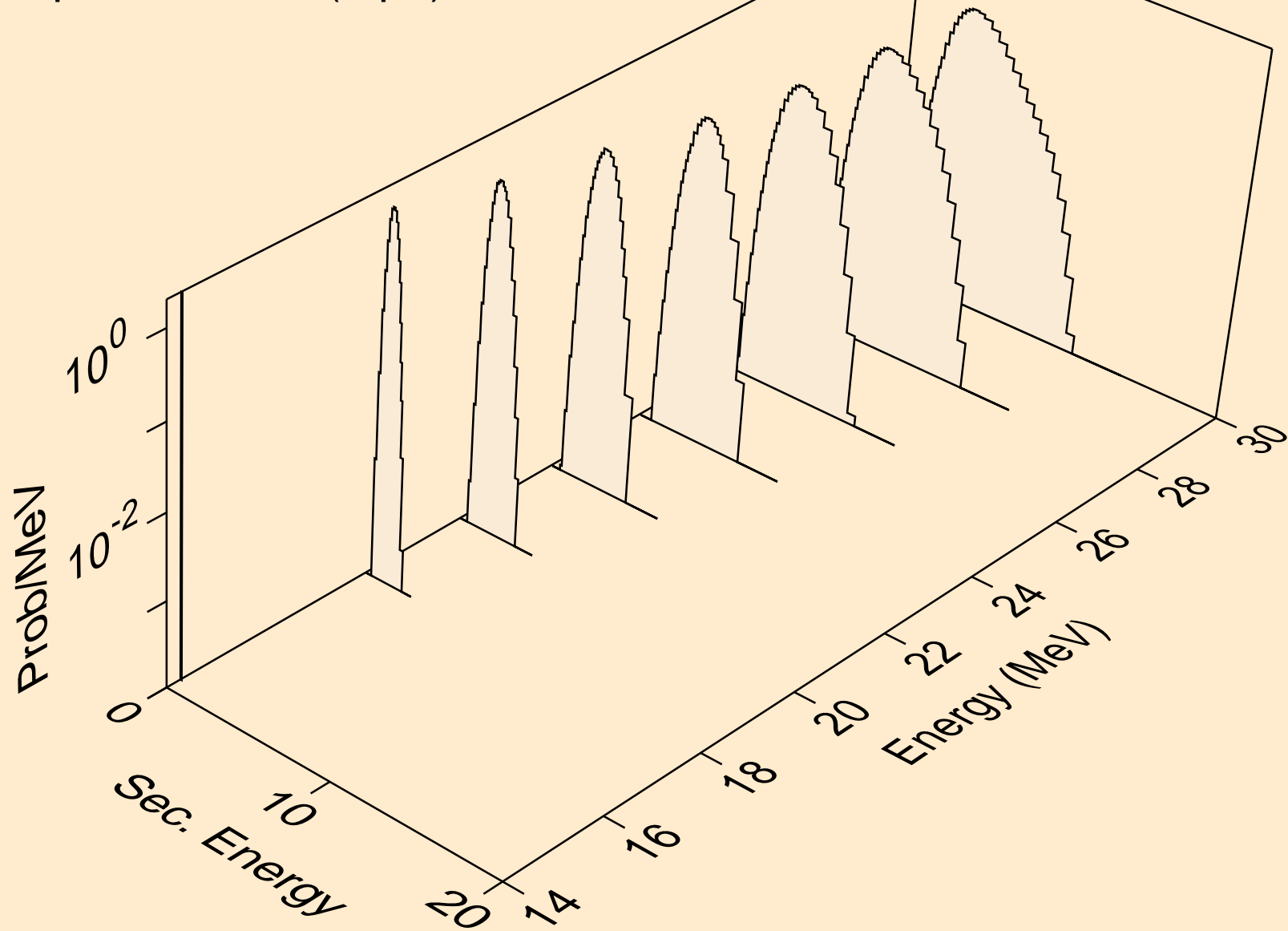


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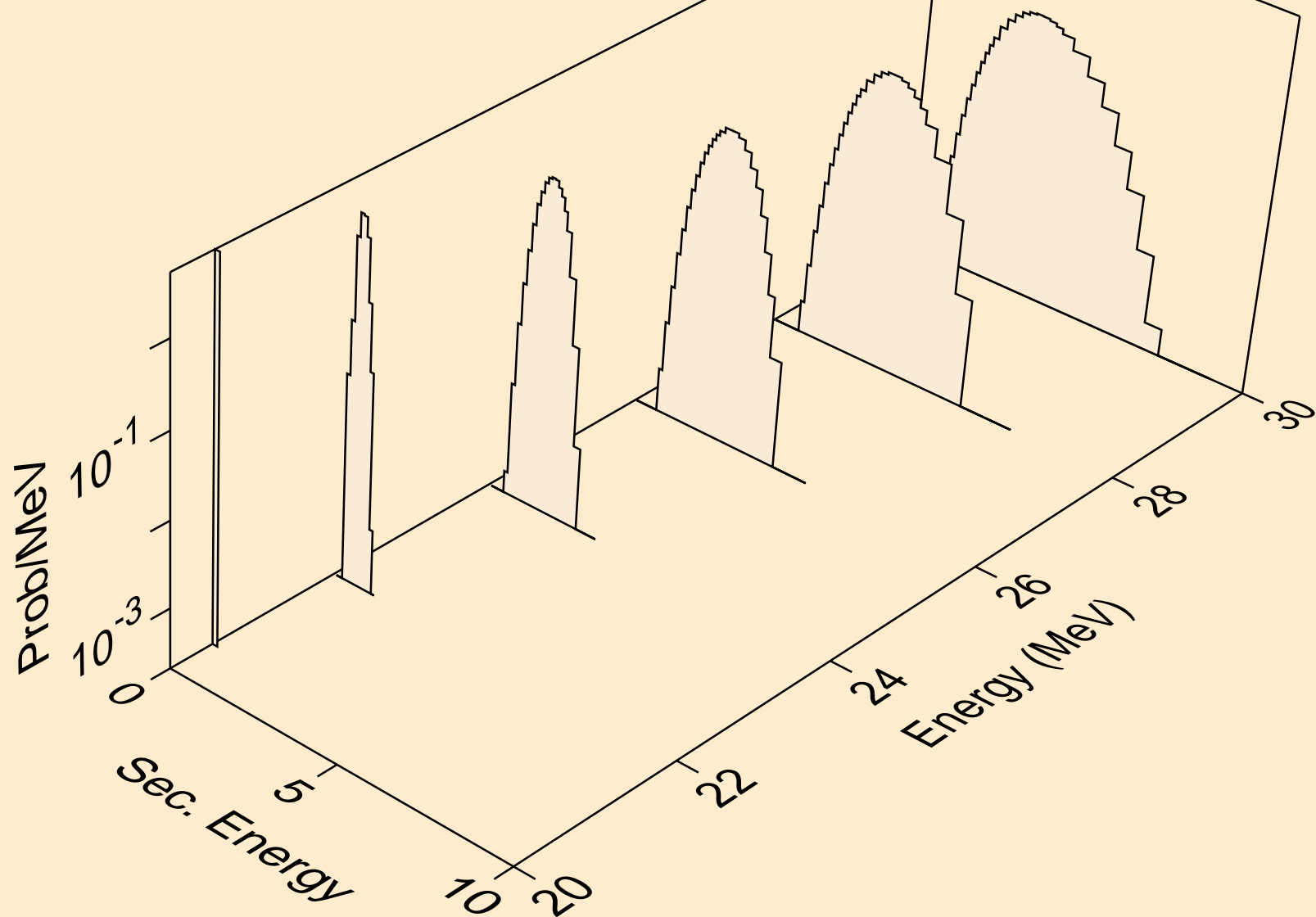




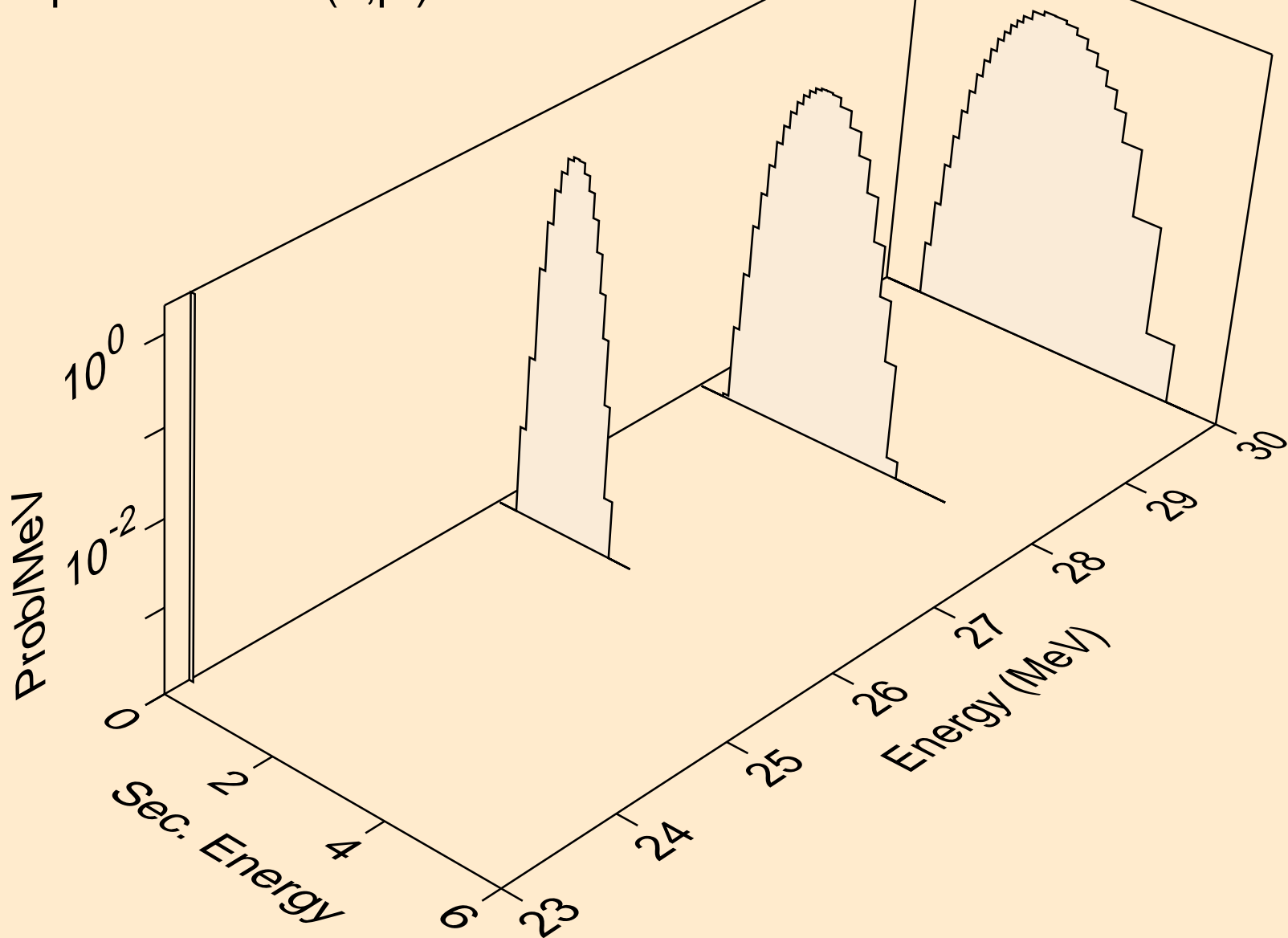
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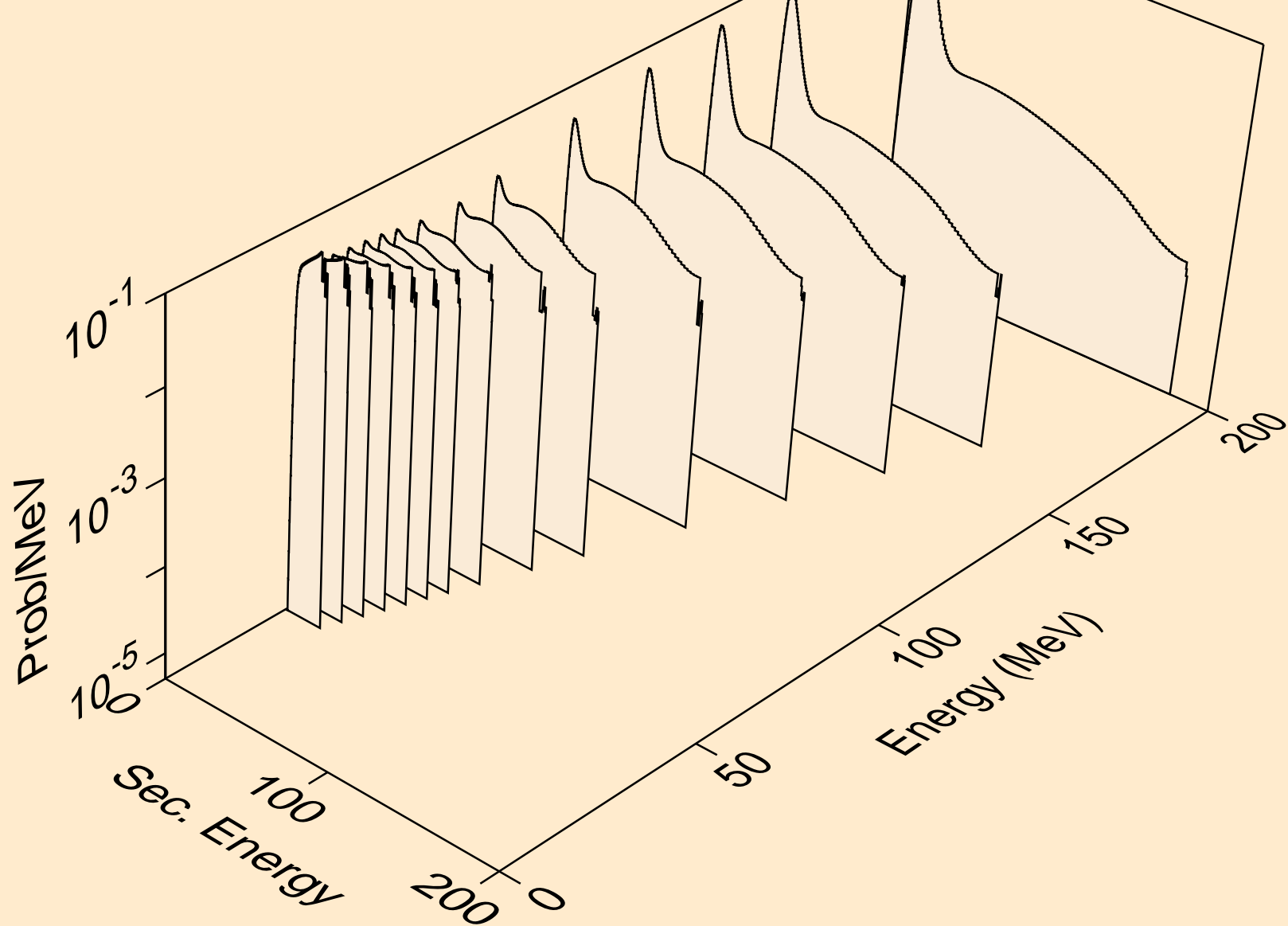
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protons from (n,pd)



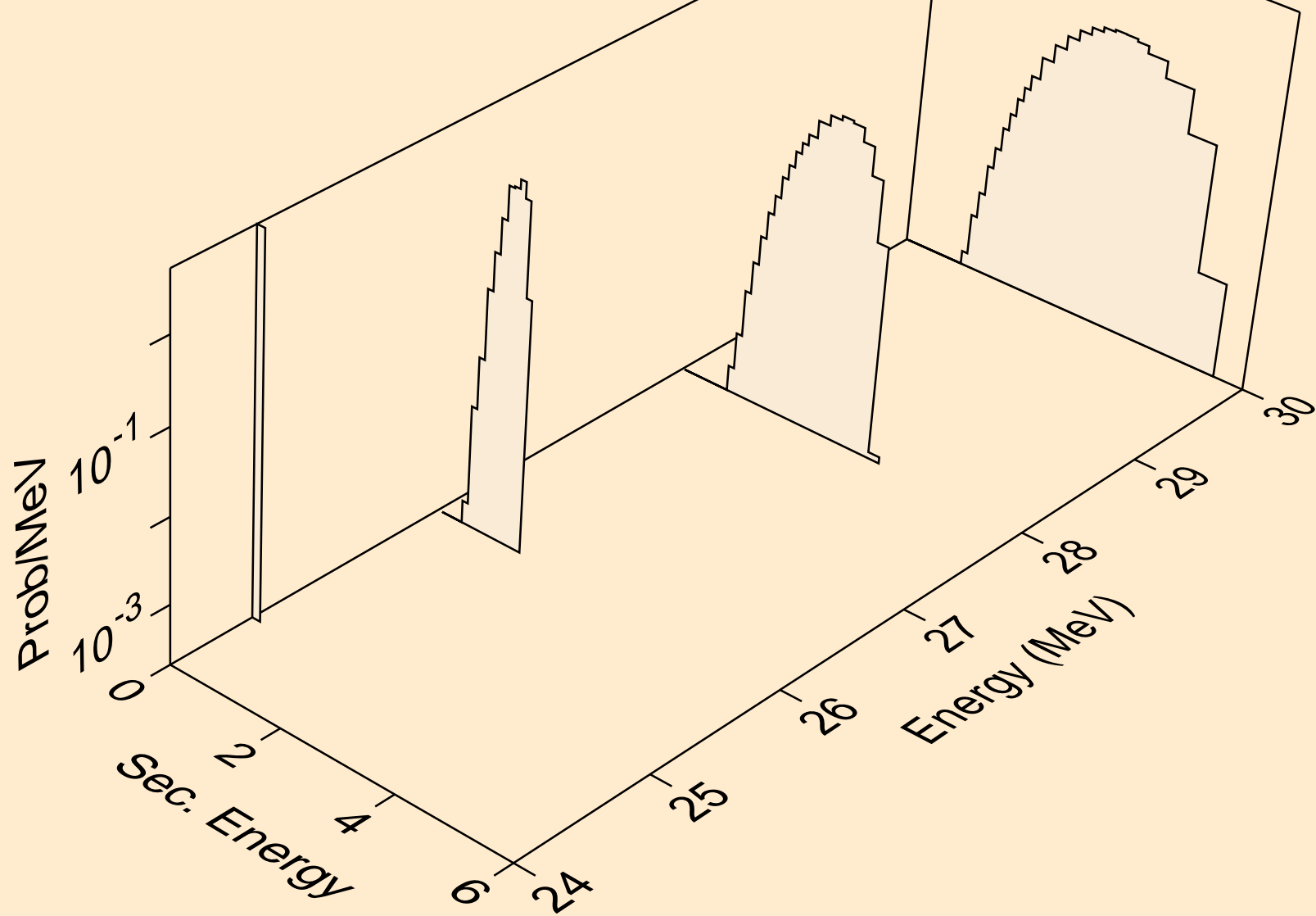
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protons from (n,pt)



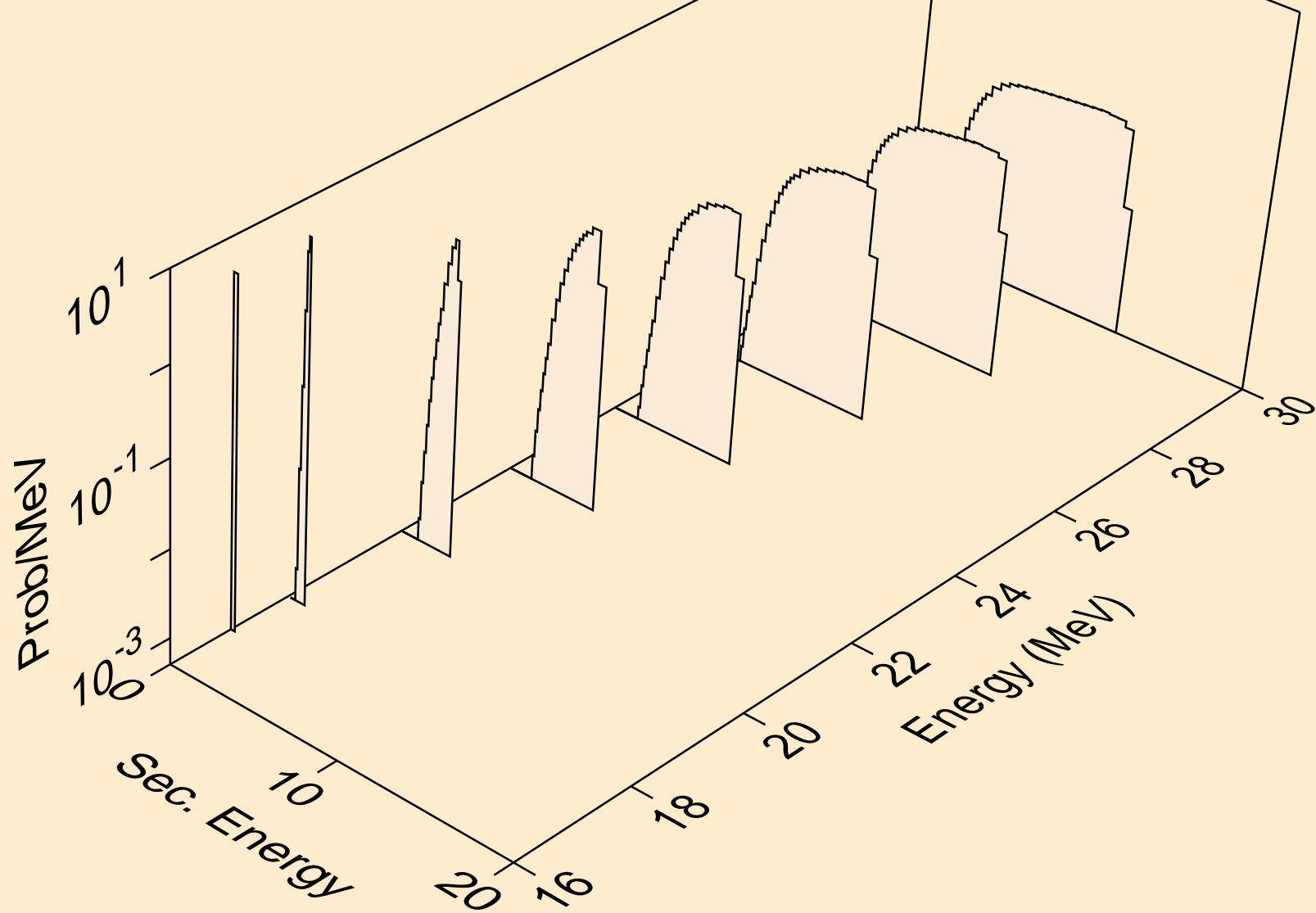
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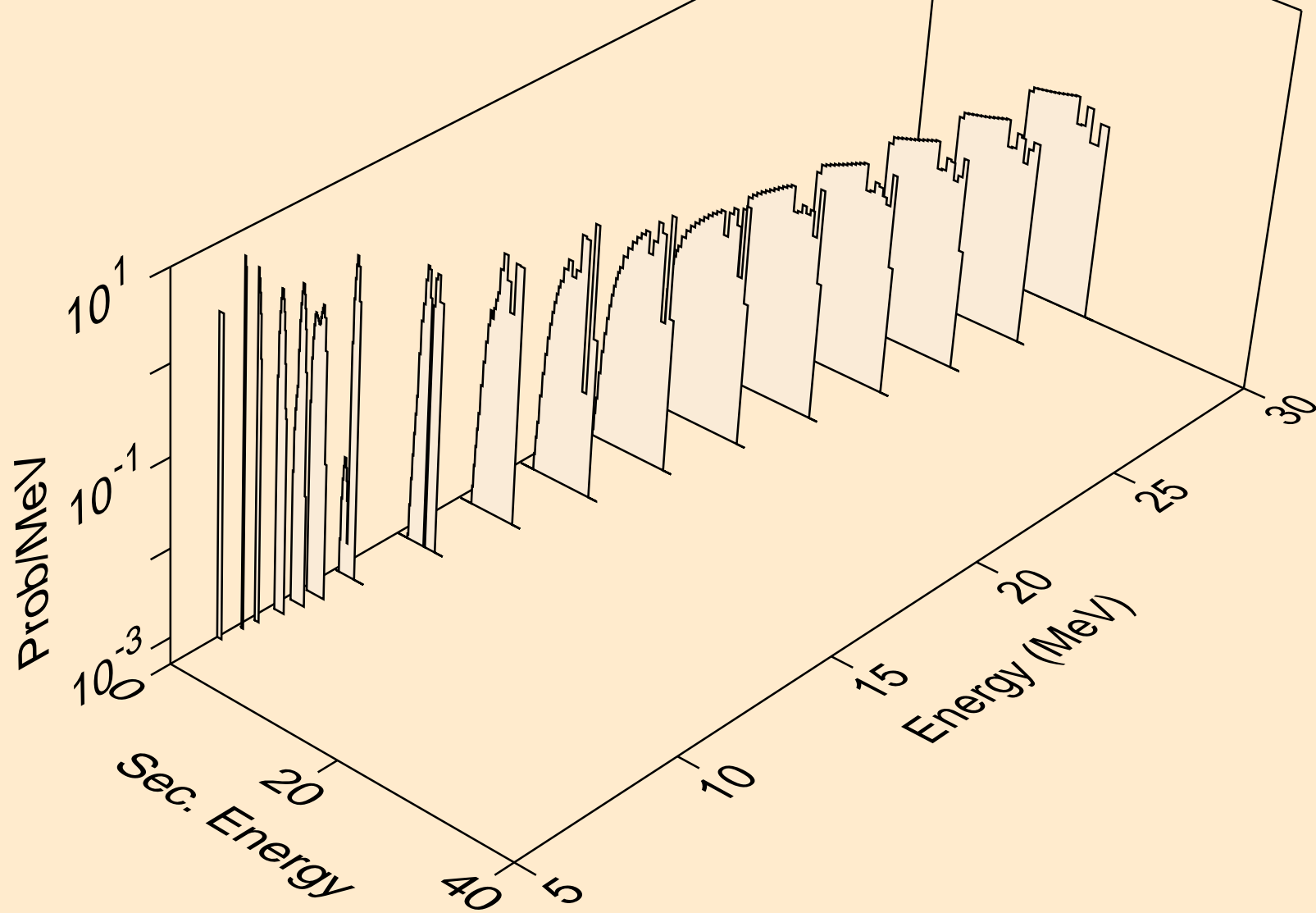
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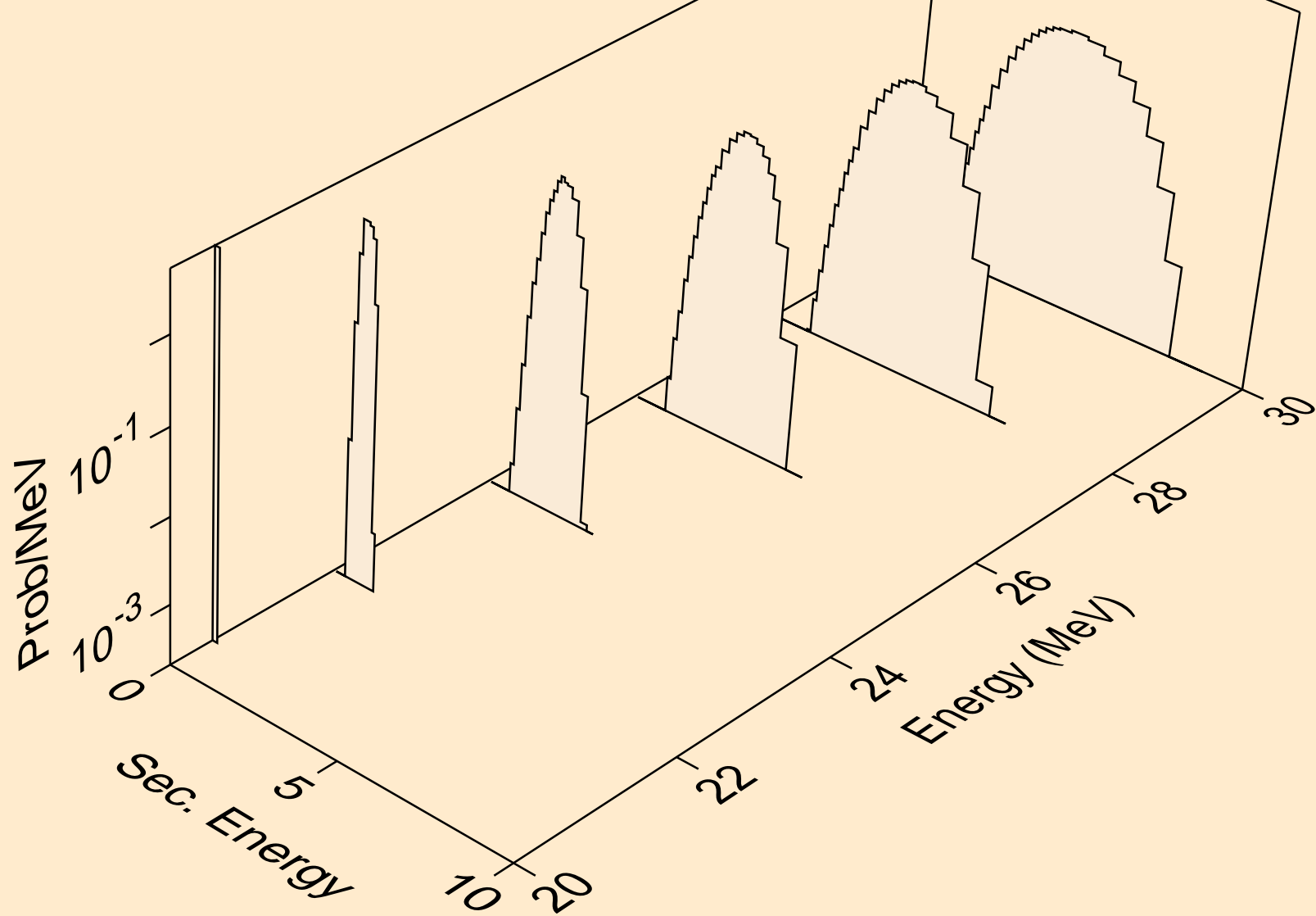
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deuterons from (n,n\*)d



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)

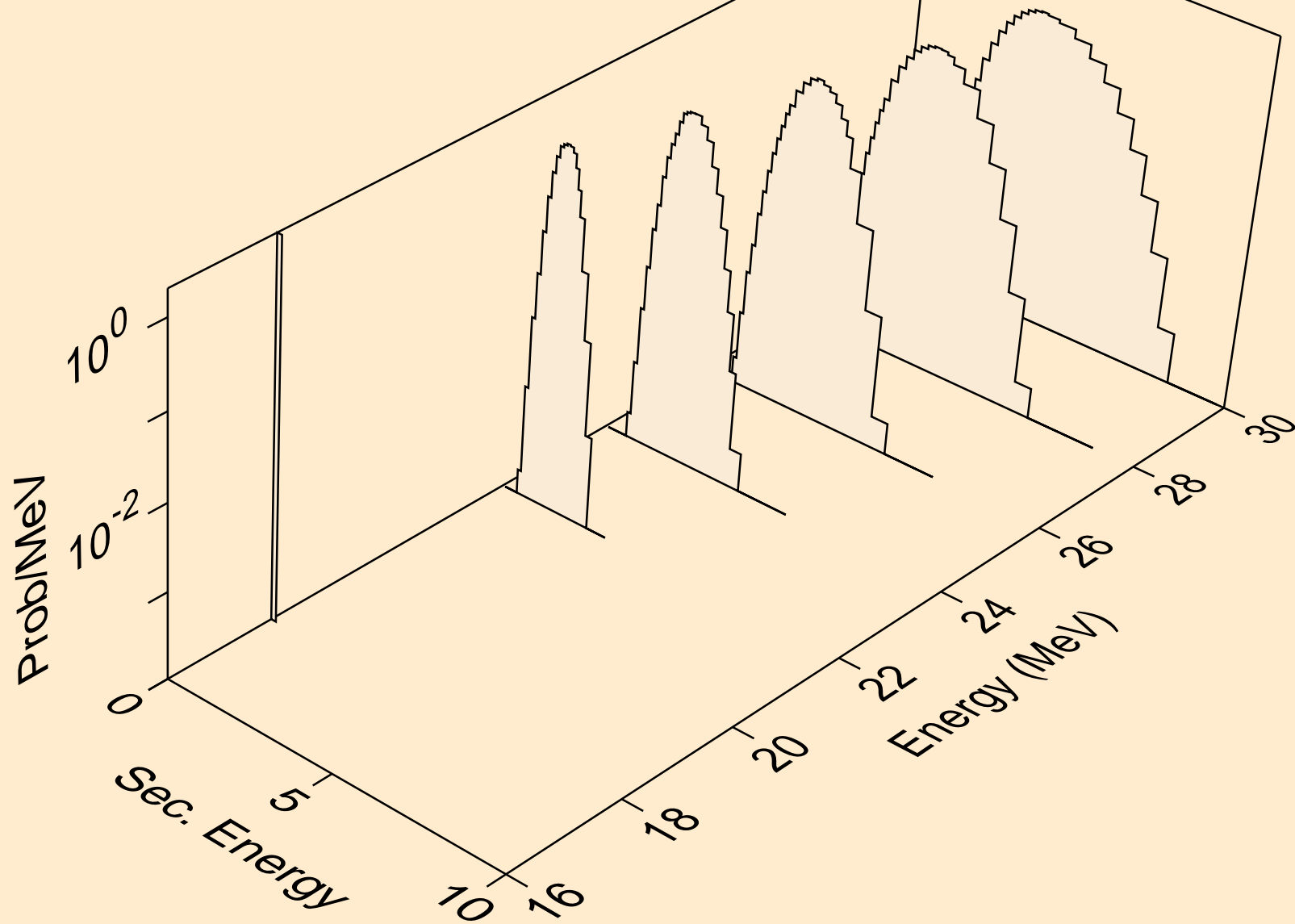


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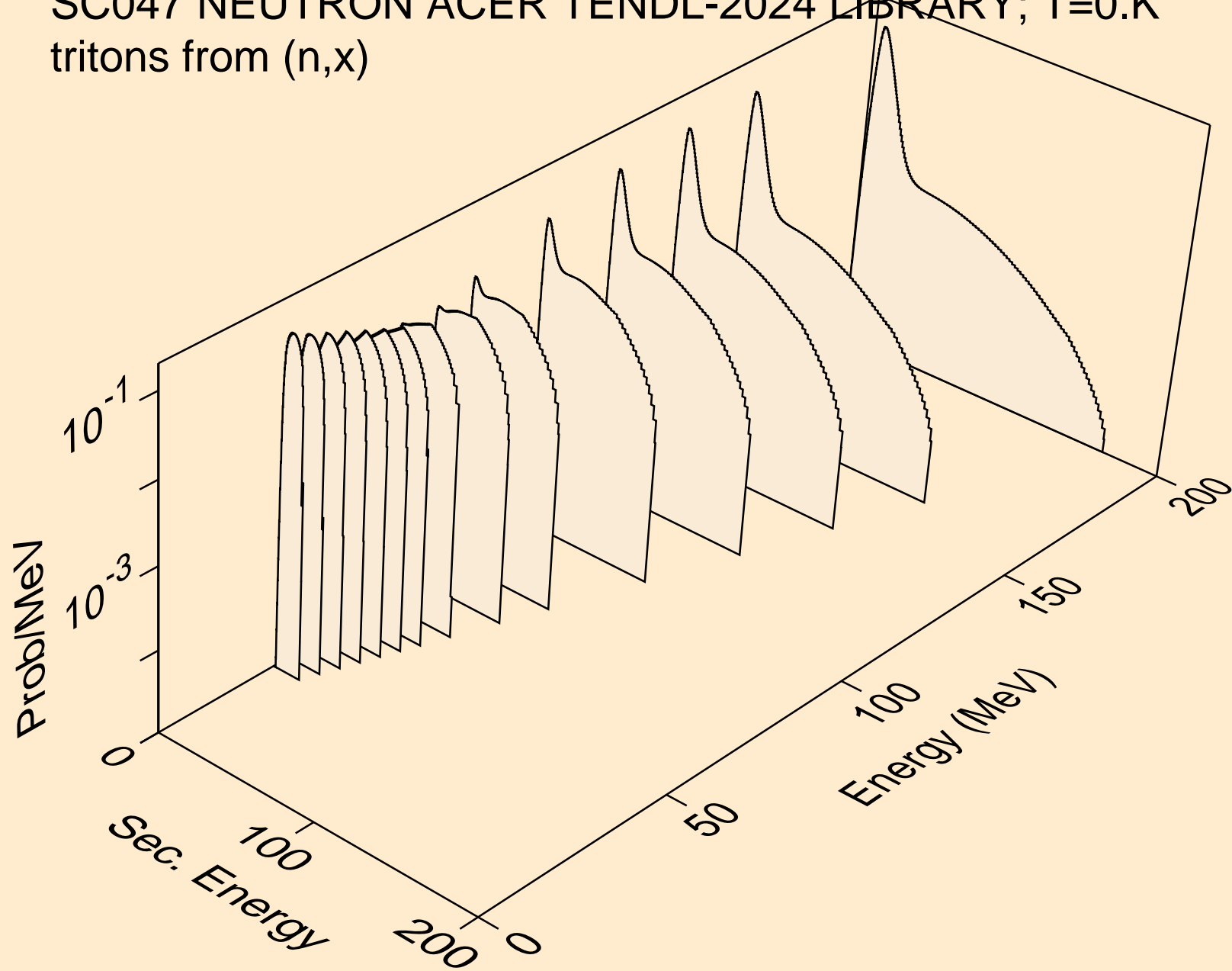




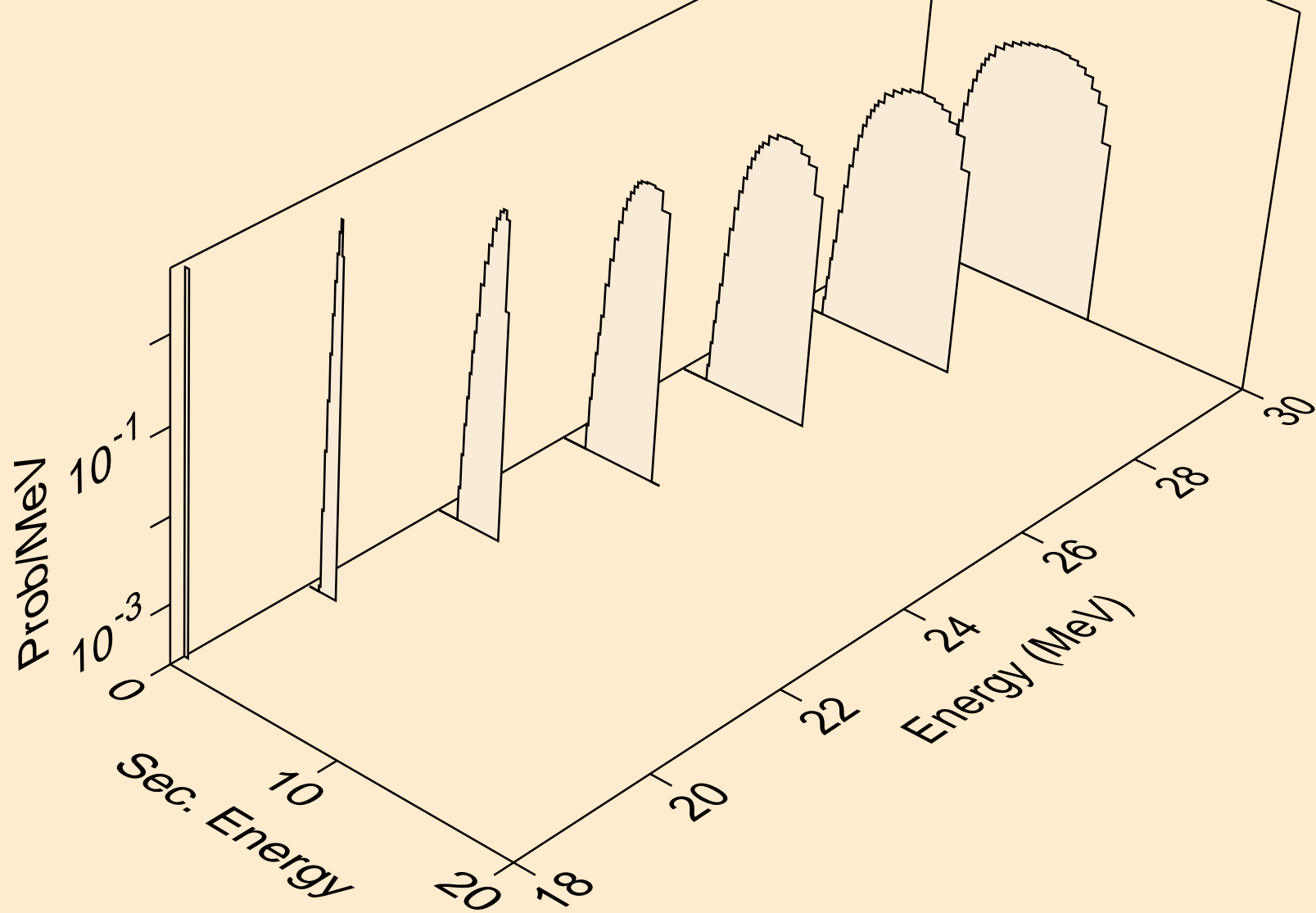
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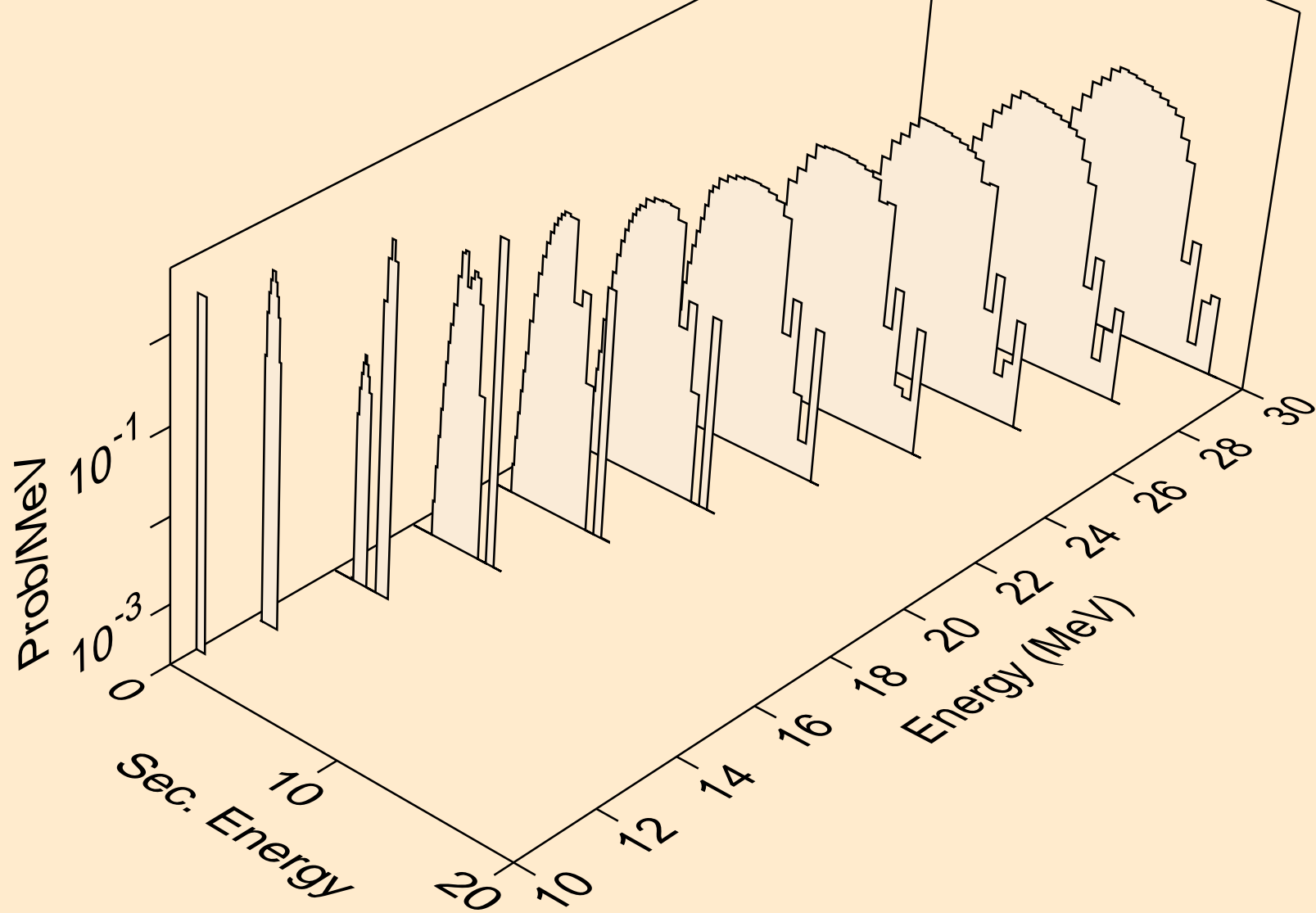
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tritons from (n,x)



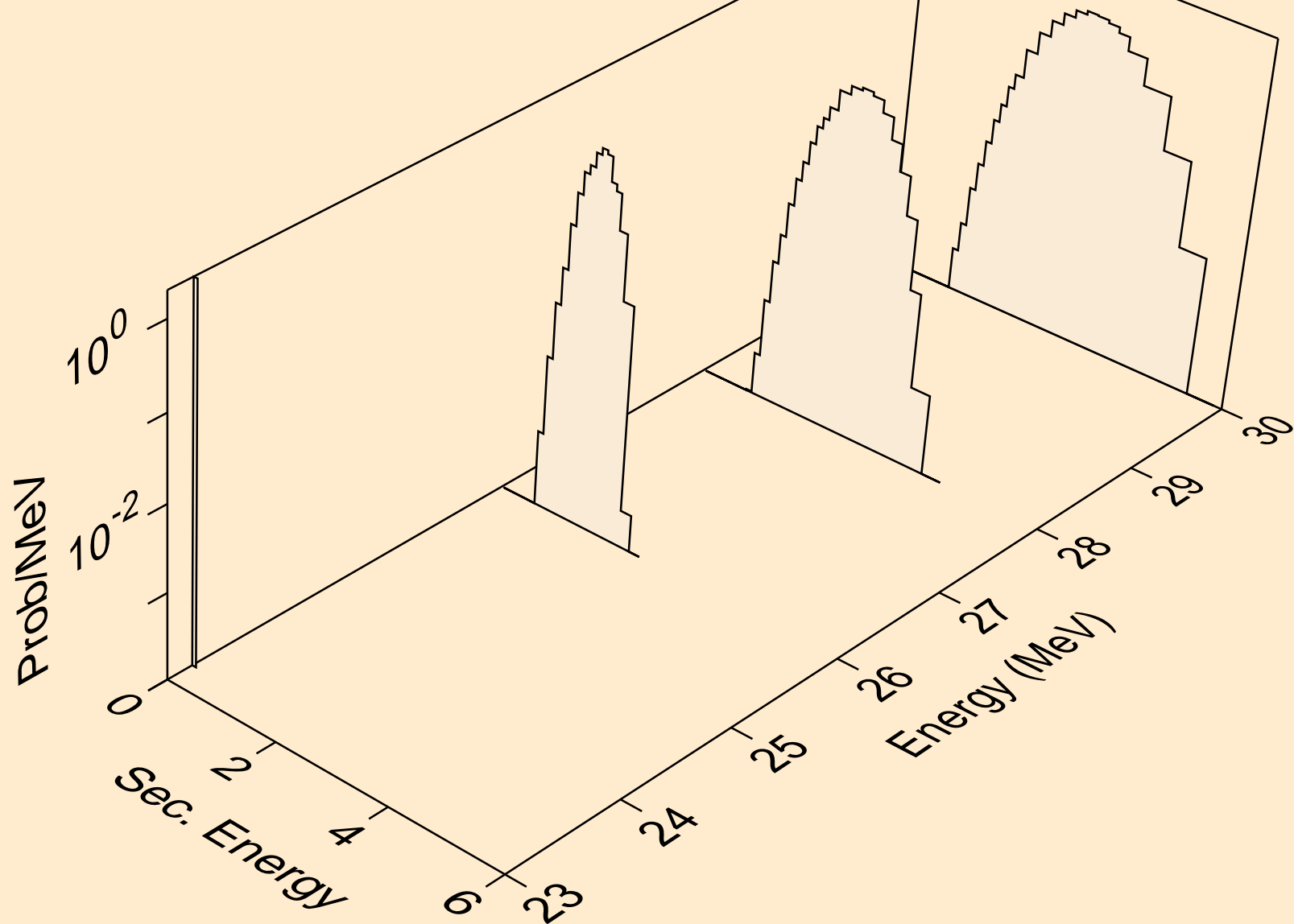
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tritons from (n,n\*)t



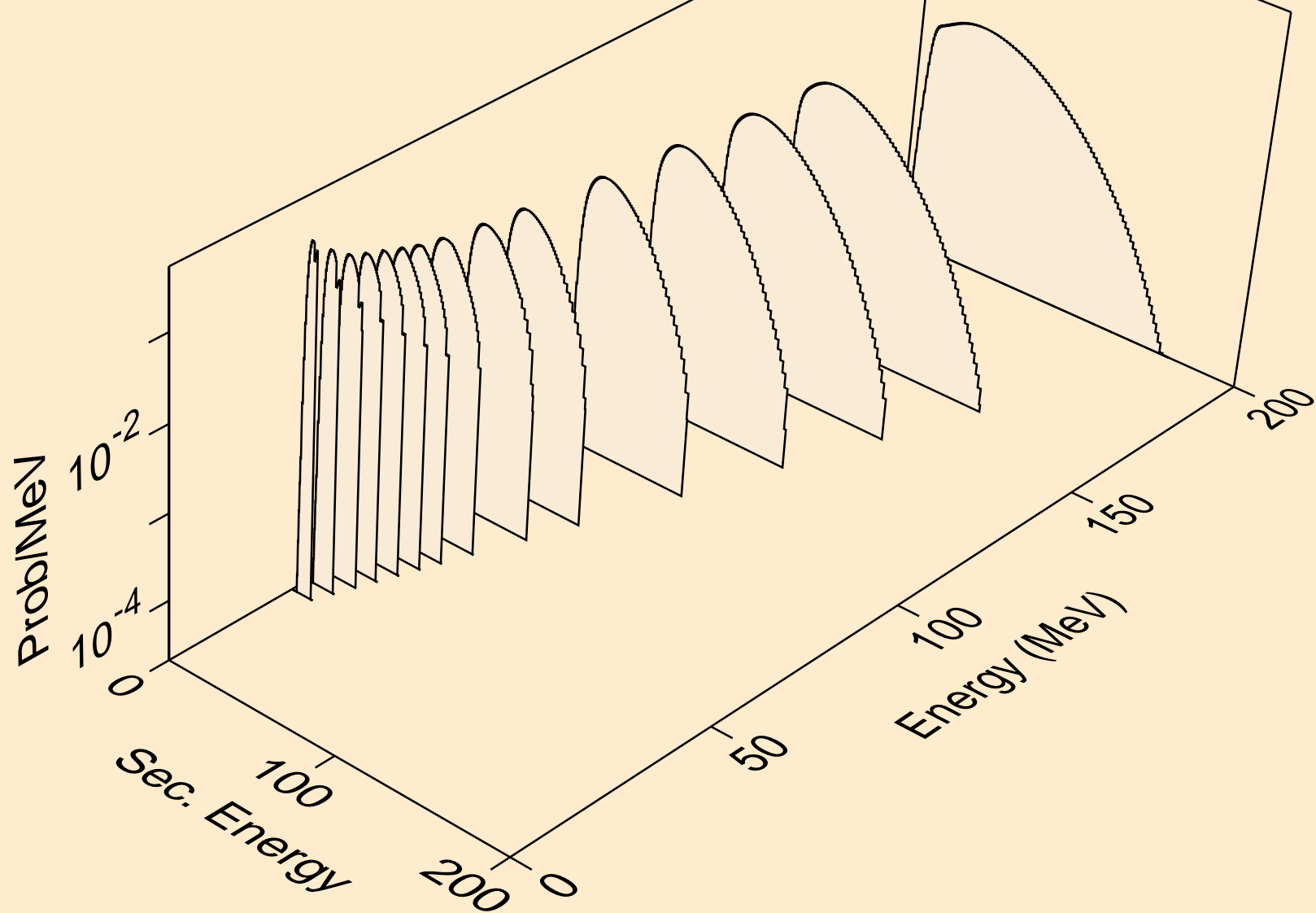
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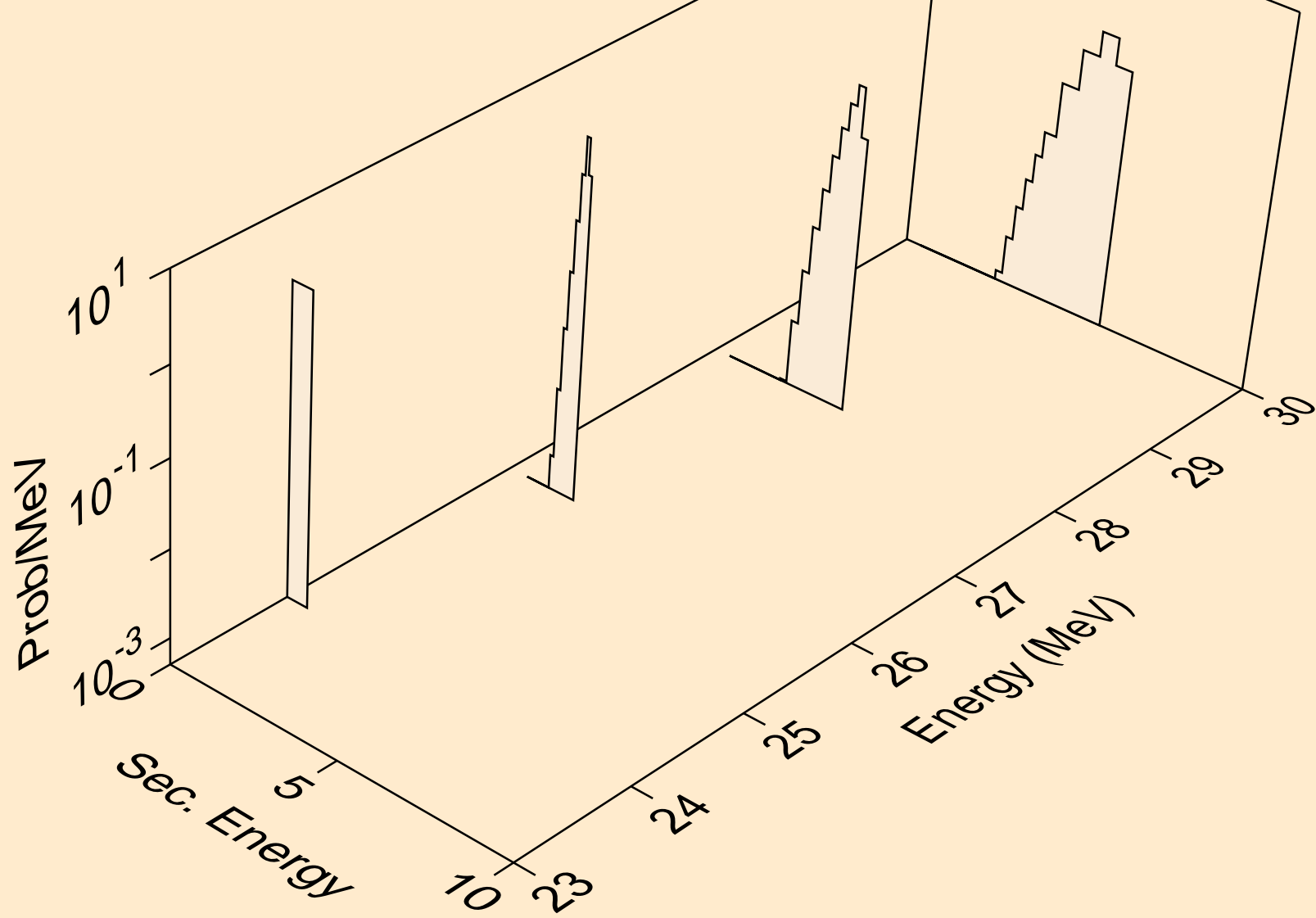
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tritons from (n,pt)



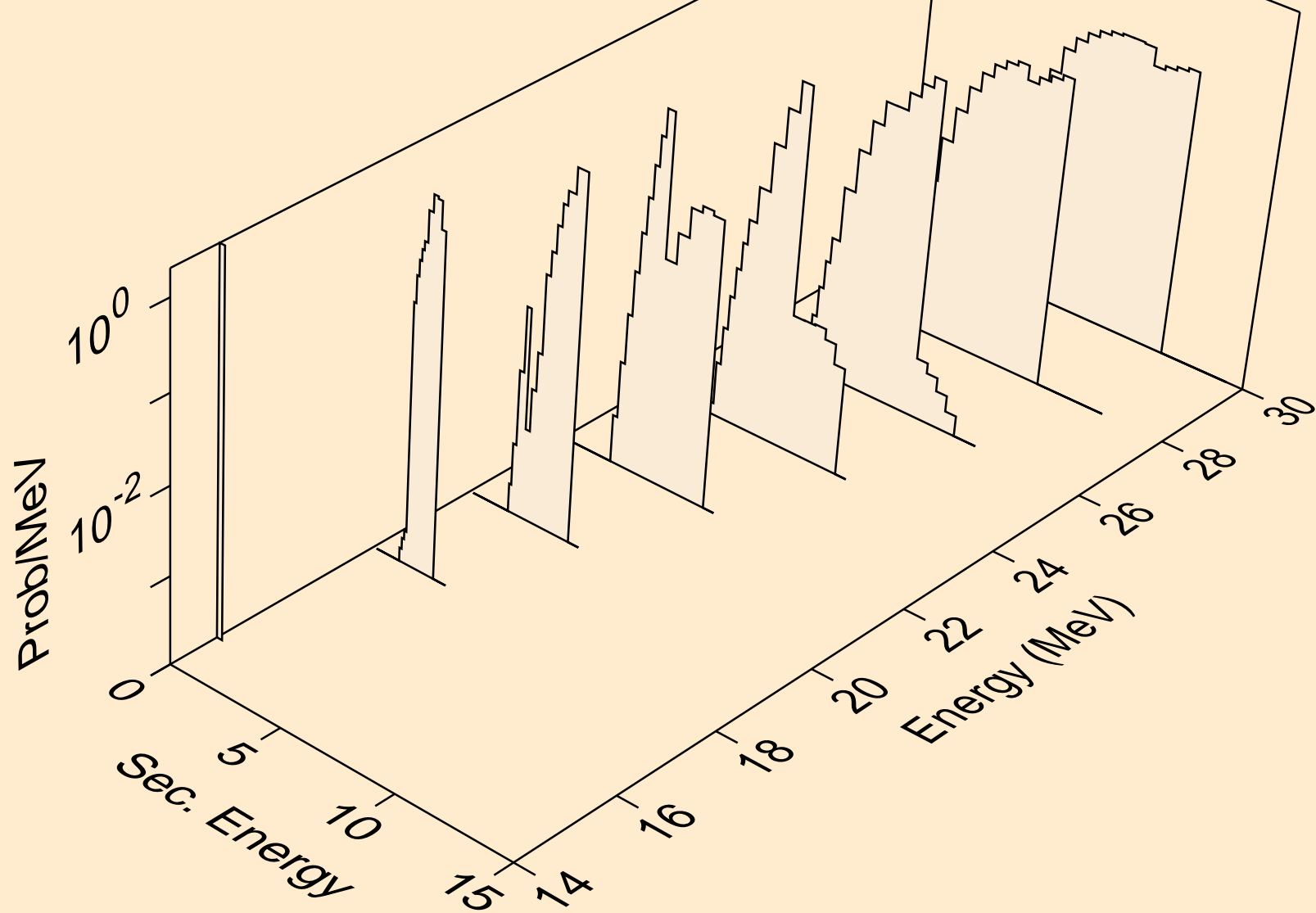
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

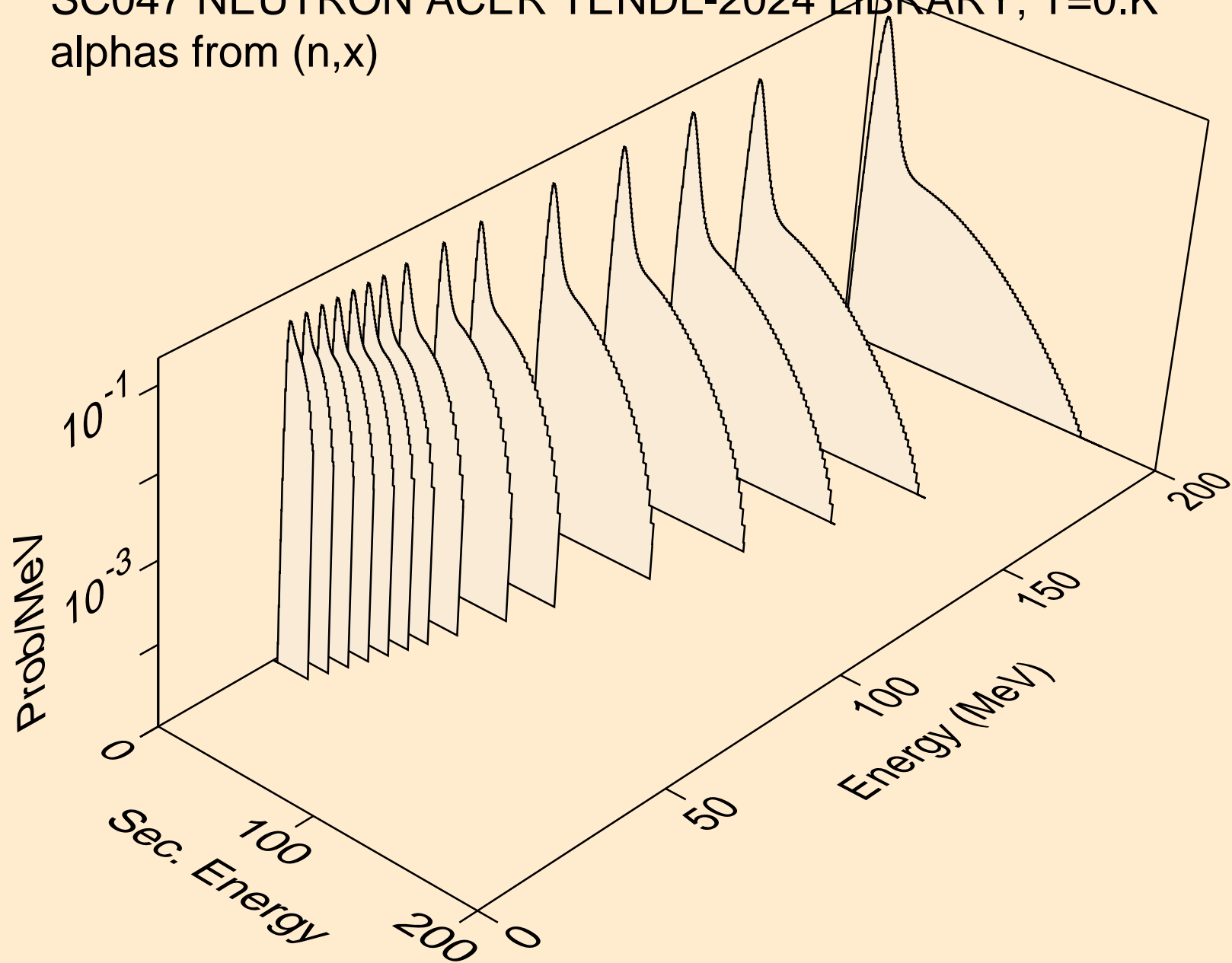


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he3s from (n,he3)

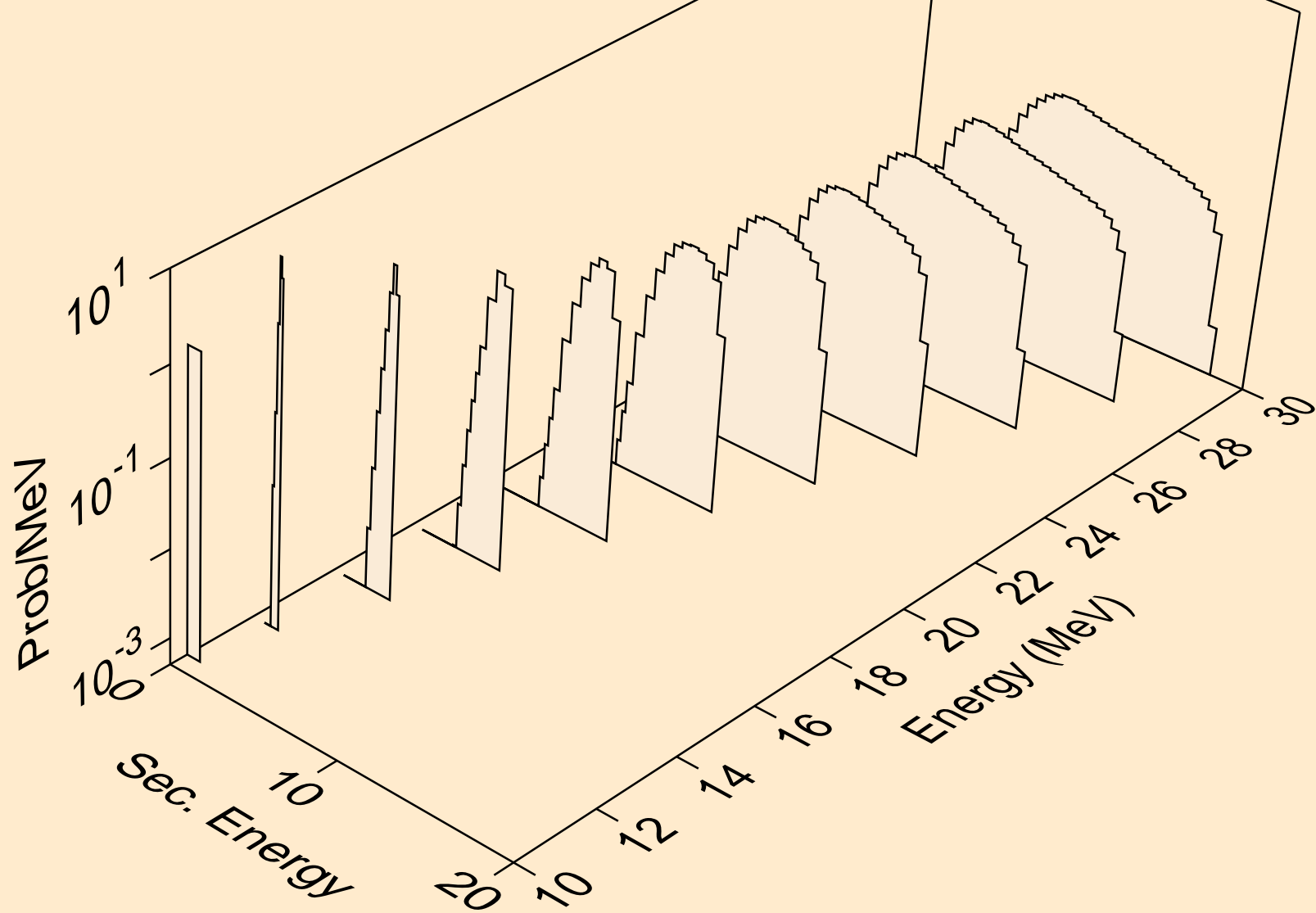




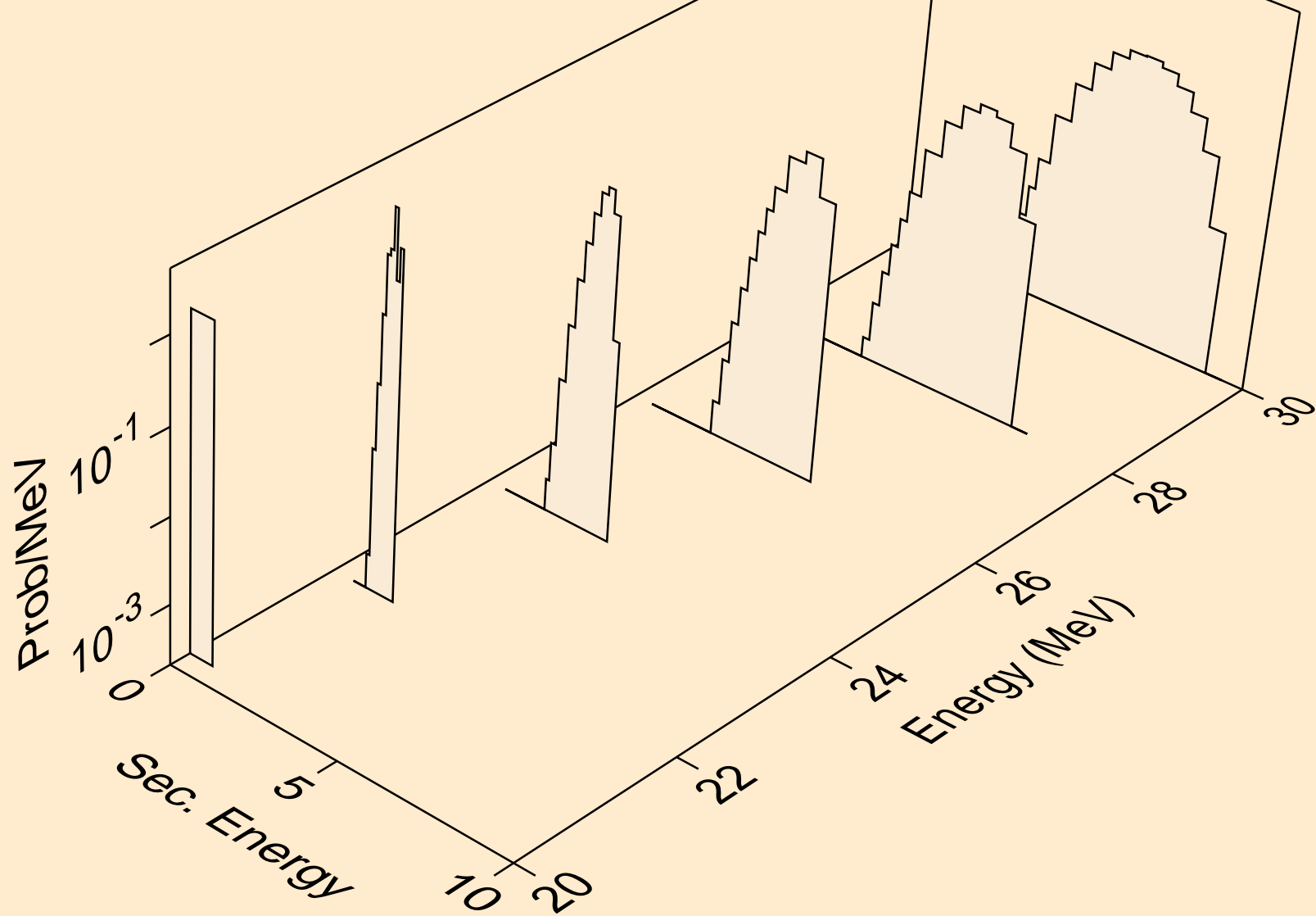
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alphas from (n,x)



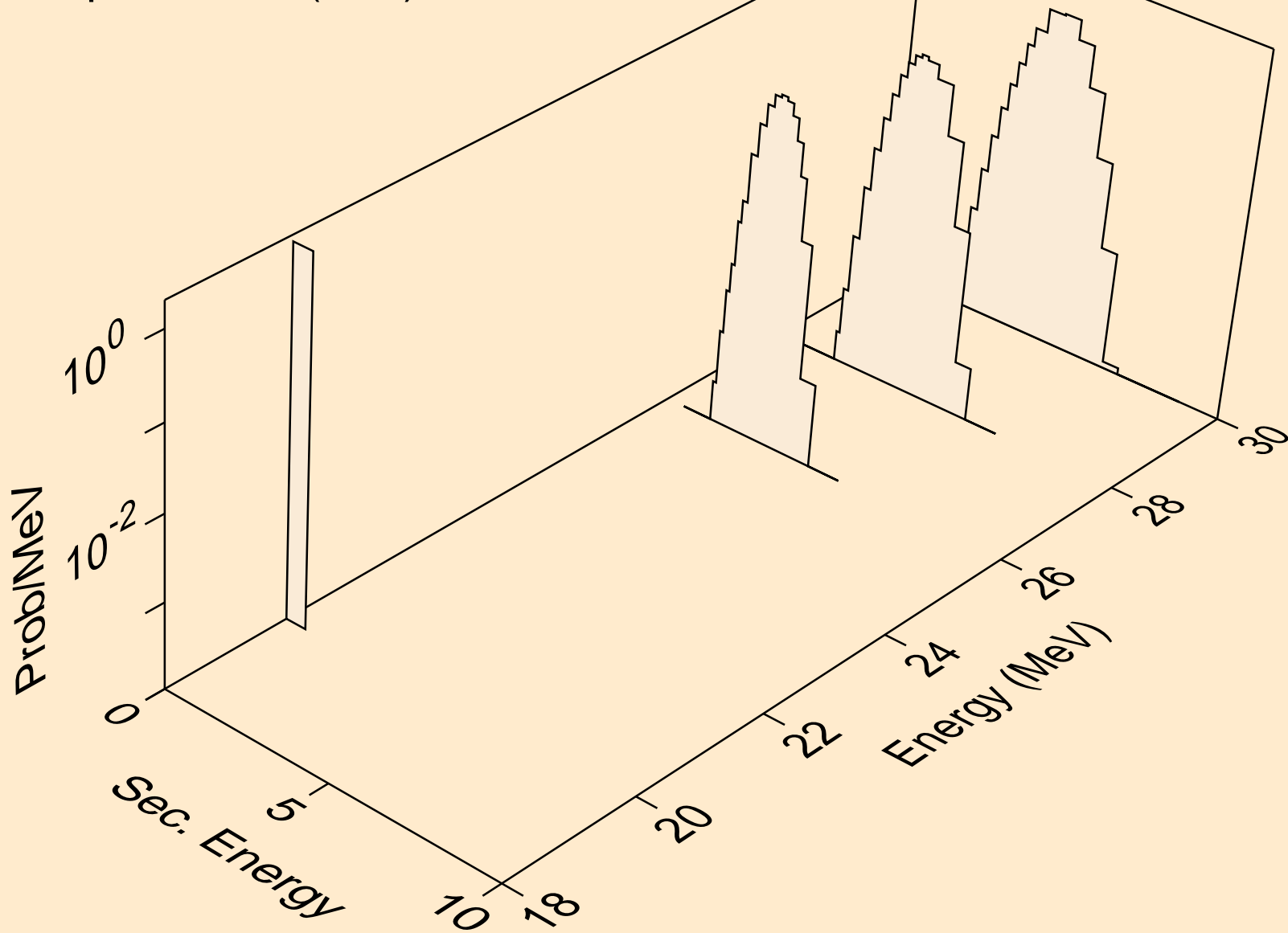
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alphas from (n,n\*)a



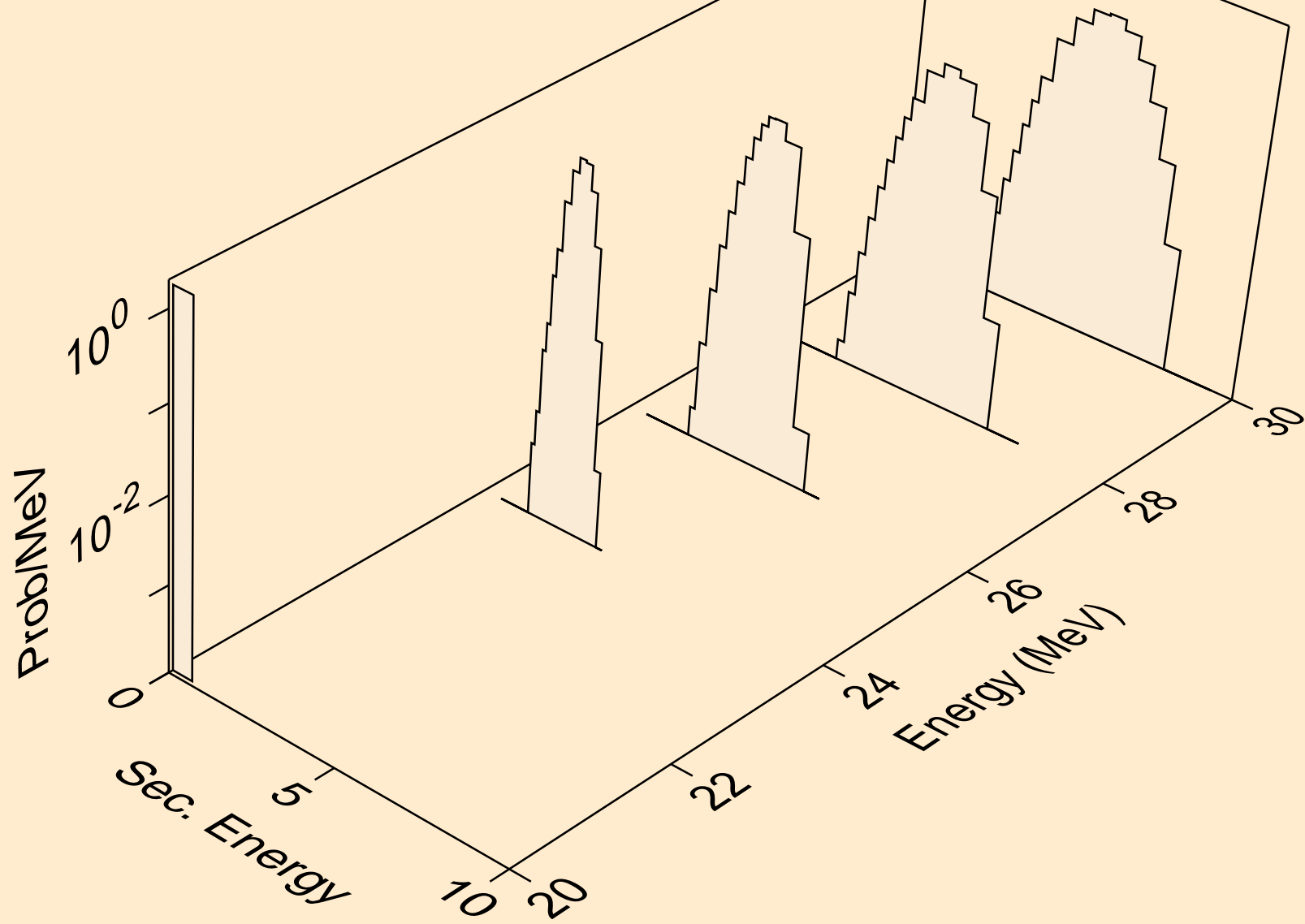
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alphas from (n,2n)a



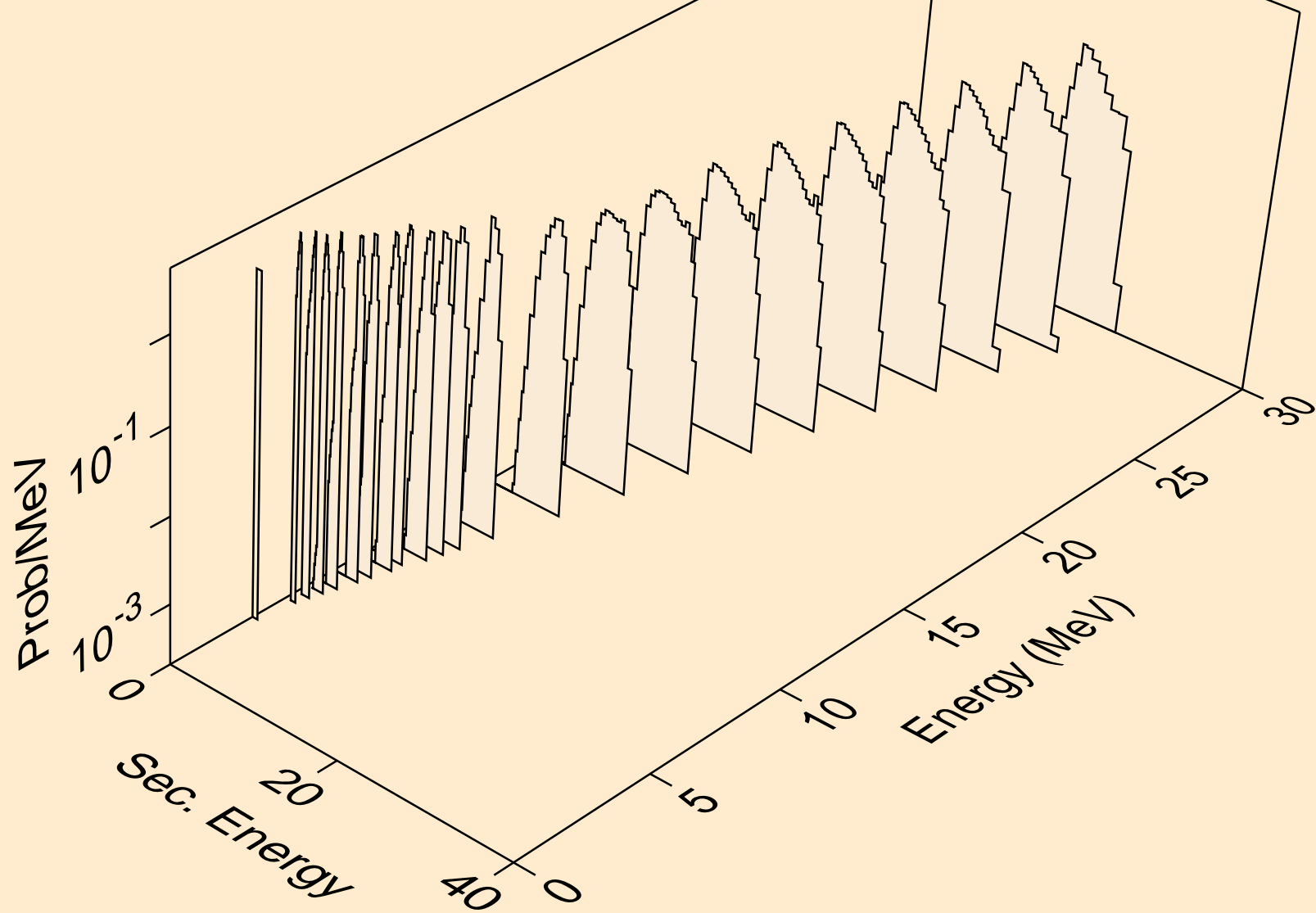
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alphas from (n,n\*)2a



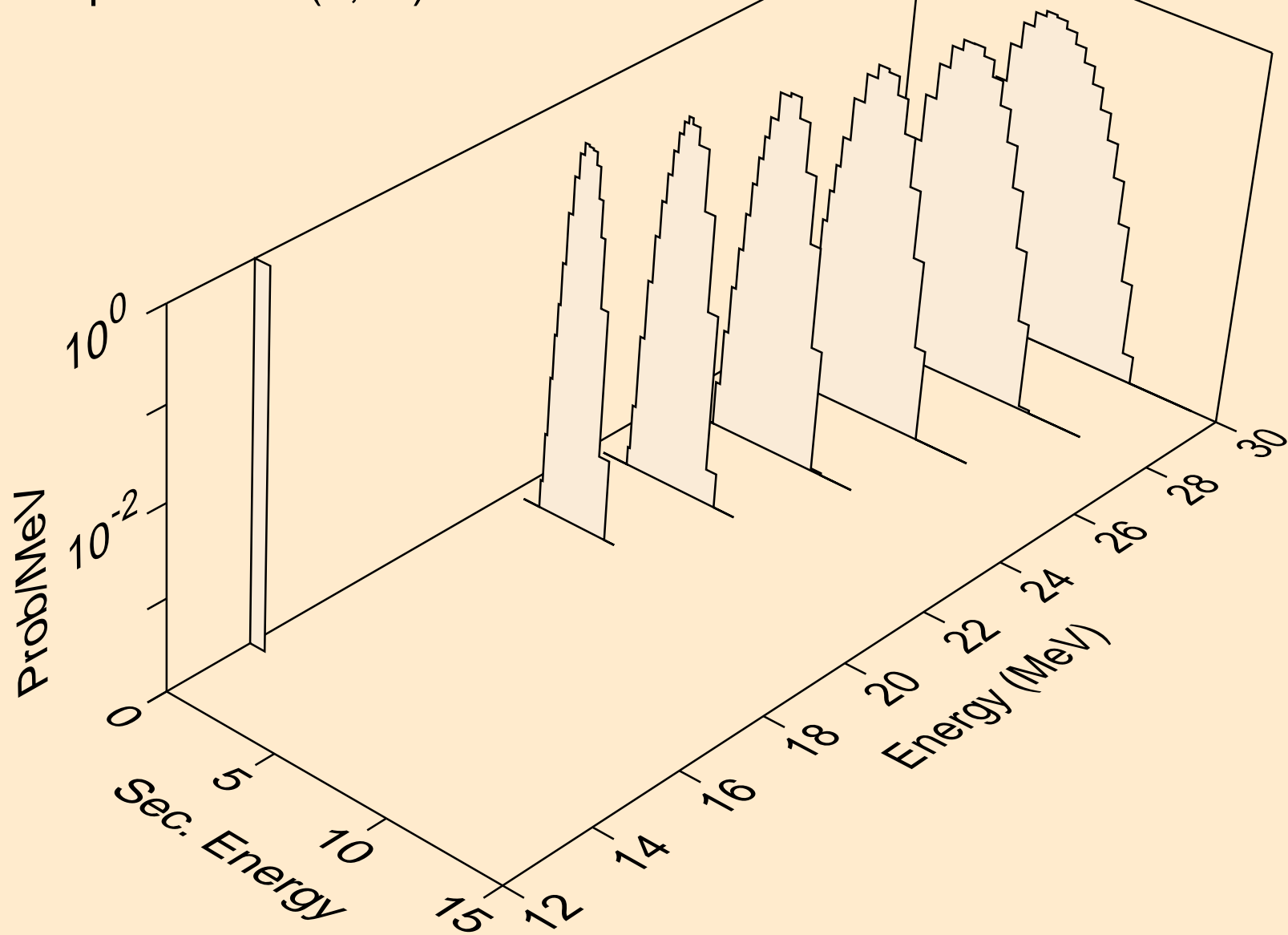
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alphas from (n,npa)



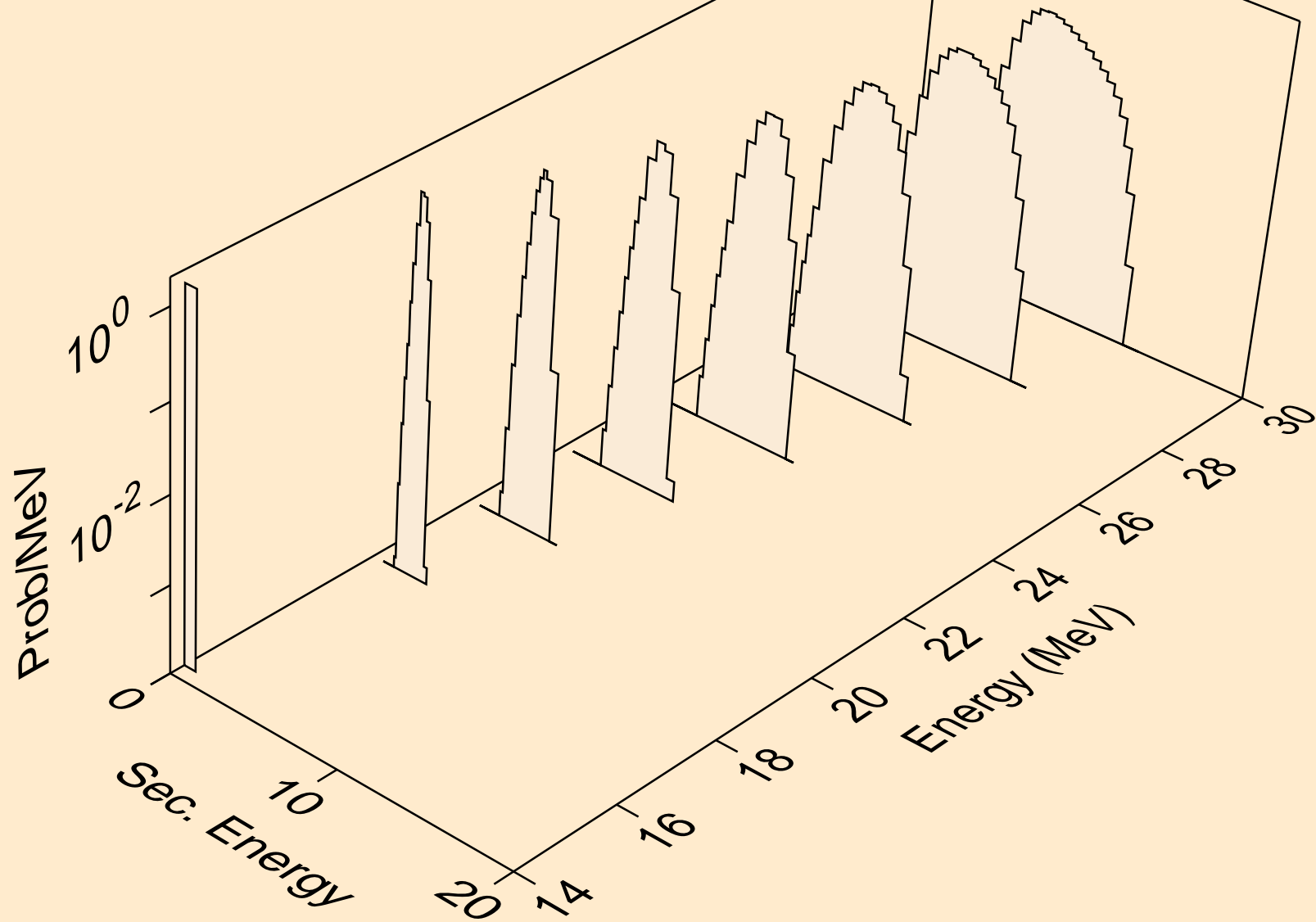
SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





SC047 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

